ANNUAL REPORT 2020-21





Udyansh Gramin Samaj Sewa Samiti

Gopi Complex, Gopi Vihar Colony, Barwani Road Thikri, Distt. – Barwani (M.P.) INDIA Website: www.udyansh.org.in **ANNUAL REPORT 2020-21**

PREFACE

Udyansh is continuously taking efforts towards sustainable rural development through different approach and strategy. As a part of its approach, Udyansh has implemented various projects with integration and holistic development. Udyansh believes in creativity & innovation with existing projects to address the field problems.

During 2020-21, Udyansh has focused on Overall development of rural families through agriculture interventions, awareness regarding health, education and environment and promotion of farmer's producer organizations. Udyansh has demonstrated intercropping demonstrations to reduce dependency on single crop and to get additional income to the farmers from sustainability point of view.

I, am very grateful to publish annual report 2020-21 with insight of progress achieved during the year.

I sincerely thanks to my all dedicated staff, advisors, resource persons and management who worked day and night to make the programs successful for wellbeing of rural community.

I am also grateful to our donors and funding agencies especially IDH, Netherlands, BCI Secretariat, NABARD, USAID, GAP Inc. and ISC (Institute for sustainable communities) for their constant guidance, support and encouragement.

I appreciate the commitment and trust of our participating farmers for their encouraging response, active participation in programs and adoption of sustainable agriculture practices and decent work practices for their sustainable future.

Mr. Anil Bhalse
Director

Udyansh's Mission:

"To uplift the socio-economic status of rural poor families through capacity building, livelihood enhancement, Natural resource management, Value chain up-gradation and women in development with gender equity."

Udyansh's Approach:

Pro-poor : to cater poor families in real senseParticipatory : to bring their ownership in projects

Need based : to address their needs

Replicable : to outreach more number of families

Sustainable : to benefit in long run.

Udyansh's strength:

- √ Visionary top Management
- ✓ Qualified & Experienced Professionals
- ✓ Dedicated Field Staff
- ✓ Attachment with Tribal Community
- ✓ Community mobilization skills
- ✓ Innovative & Creative concepts of development with logical applications

BACKGROUND:

UDAYANSH came into existence in the year 2000 to build up the capacity of Women, Education and Development for the remote and far reaching Tribal Region of Madhya Pradeshh. UDYANSH strives to full fill its vision of mainstreaming the Tribal Families of this backward region with the active participation and involvement of the people.

Since its inception and with a span of 12 years UDYANSH has started its work in 2000 from Khandwa block of Khandwa District with Swa-Shakti Project supported by Department of Mahila Evam Bal Vikas, Govt of Madhya Pradesh.

Thikri block of Barwani District having 73% tribal population UDAYANSH initiated its work with awareness programme for child, women and adult's healths, concept of SHG & importance of education in their life through trainings, camps, meetings & individual contacts.

UDYANSH is already involved in several projects in the area now. Through these projects it is reaching to the same rural community i.e. socially excluded which needs support and opportunities for their regular employment and livelihood since the organization has its presence and set up in the intervention area now.

UDYANSH has very good experience in working for sustainable livelihood for the community and has successfully implemented MP Rural Livelihood Project with a holistic approach of integrated sustainable rural development through enhancement of livelihood opportunities, empowerment of local panchayat raj institution (PRI), optimum utilization of local resources, and reduction in migration, Linkages of women SHG with income generation activities such as goat and poultry rearing, cosmetics, grocery and electric shops, carpentry etc and ensured livelihoods promotion.

Under the MP Rural Livelihood Project UDYANSH covered more than 1550 families during 2006-07 and through its activities could able to increase their monthly income through different income generation activities, the beneficiaries includes ST / SC / OBC engaged in Agriculture sector. The income generation activities includes Vermi compost, Kharib Seed Exhibition, Seed Bank, Nursery Plants rearing, Bio Gas, Vegetable Seeds / Jetropa, Trigard, Rabi Seeds Exhibition, Drip Irrigation, Seed-rill, Production of Lac, Badi Program, Chilli Nursery and Production, Nursary Development, Culture exhibition and etc.

We are expertise in the field of livelihood enhancement in general and in particular with women from socially Excluded communities as well. There are demonstrable experience of implementing interventions in farm and off farm livelihood sectors in the area of intervention in Agriculture & its allied sectors including in animal husbandry with sound understanding of the complexities of the rural sector which also includes demonstrable experience of working with socially excluded groups. We have a very good experience in promotion of livelihood especially in rural poor and in the difficult areas.

Seasonal migration for job/ livelihood, poor education, poor communication in reaching far off villages, geographical conditions, and lagging in upgraded new technologies due to lack of awareness, poor financial background of the poor are the challenges and barriers faced by UDYANSH in the process of implementation of various activities in the area.

Since its inception UDYANSH has successfully implemented the activities under besides Madhya Pradesh Rural livelihoods project (MPRLP) in Barwani District are National Rozgar employments Guarantee schemes (NREGA) in Barwani & Khargone Districts and Backward Region Grant Fund (BRGF) in Barwani & Jhabua District of Madhya Pradesh. And with National Child labour Project undertaking ax cute the two Schools with 50-50 per School laving 50 Students.

Operational Area:

Udyansh is specifically working in tribal dominant areas. Following MAP show the operational area of organization in the state of Madhya Pradesh:



BARWANI, DHAR, JHABUA, ALIRAJPUR, KHANDWA & BURHANPUR in M.P.

Staff Position:

Management staff: 6

Advisor: 2

• Development Professionals: 10

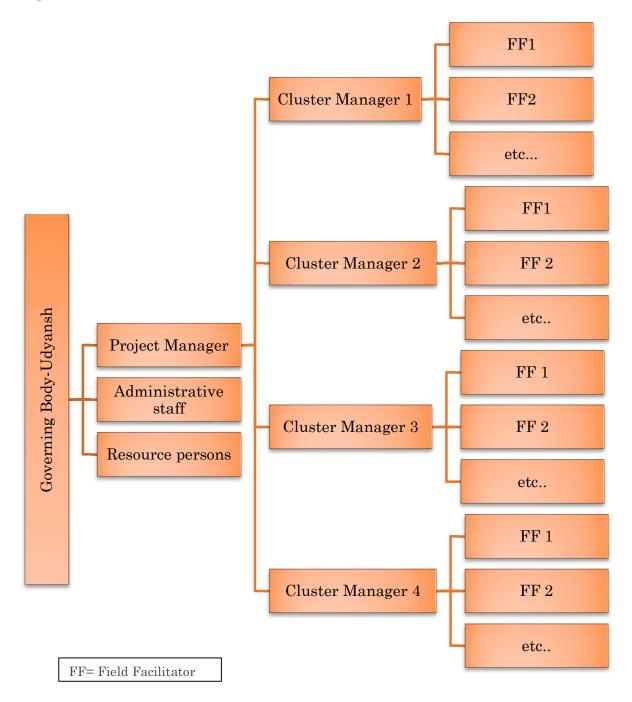
Project Manager: 5Field Facilitators: 28

Available Resources/Content in Institution

Udayansh Gramin Samaj Sewa Samiti is managing its work from its own Head office office at Thikri and as well as Branch offices respectively at Kukshi & Lohari. The offices are well equipped with Furniture's Computers and Vehicles.

S.No.	Equipment/Resources	Quantity
1.	Office Building	4
2.	Computer	5
3.	Printer	4
4.	Laptop	3
5.	Video Camera	1
6.	Digital Camera	1
7.	Scanner	1
8.	Fax	1
9.	Telephone	2
10.	Almirah	6
11.	Revolving Chairs	3
12.	Chairs	25
13.	Tables	10
14.	Spiral machine	1
15.	Fan	10
16.	Cooler	1
17.	Training material	Project specific

Organizational Structure



CORE PROGRAMMES OF THE ORGANIZATION:

- Sustainable agriculture
- Training & Capacity building
- Livelihood development
- Women development

PROJECTS IMPLEMENTED

Udyansh has implemented following major projects:-

- > Better cotton Initiative
- Farmers Producer Organisation
- ➤ Project on Promoting 'Water Stewardship Principles & Better Soil Management' Practices in 10 villages of Kukshi block, Dhar
- > Integrated Watershed Development programme

1. BETTER COTTON INITIATIVE (BCI) PROJECT:

Udyansh has implemented BCI project as one of the major project during the year covering more than 15014 cotton growing farmers in two blocks of dhar district viz. Kukshi & Lohari. The project is being funded by IDH, Trade initiative- Netherland. The project is being monitored by BCI secretariat, New Delhi.

Objectives of the project:

- To demonstrate the inherent benefits of better cotton production, particularly the financial health.
- To reduce the impact of water and pesticide use on human and environmental health.
- To improve soil health and biodiversity.
- To promote decent work for farming communities and cotton farm workers.
- To facilitate global knowledge exchange on more sustainable cotton production.
- To increase traceability along the cotton supply chain.
- To reduce the child labour in agriculture

Project area and villages:

Udyansh is implementing the project of Better Cotton initiative in 81 villages of Dhar district. The details of villages are as follows:-

S.N	Village	Block	Disstrict
1	Masaniya	Nisarpur	Dhar
2	Badganw	Nisarpur	Dhar
3	Ghatgaw	Nisarpur	Dhar
4	Tana	Nisarpur	Dhar

5	Sulgaw	Nisarpur	Dhar
6	Jaynagar	Nisarpur	Dhar
7	Chiprata	Nisarpur	Dhar
8	Khandlai	Ghandhwani	Dhar
9	Tana	Kukshi	Dhar
10	Dhobdiya	Ghandhwani	Dhar
11	Ambpura	Ghandhwani	Dhar
12	Sendla	Ghandhwani	Dhar
13	Brahmanpuri	Manawar	Dhar
14	Rantalaw	Manawar	Dhar
15	Bhesawad	Manawar	Dhar
16	Anjaniya	Manawar	Dhar
17	Palasi	Manawar	Dhar
18	Banediya	Manawar	Dhar
19	Aloda	Kukshi	Dhar
20	Kurdipura	Kukshi	Dhar
21	Mogra	Kukshi	Dhar
22	Khedli	Kukshi	Dhar
23	Girwaniya	Kukshi	Dhar
24	jugatlai	Kukshi	Dhar
25	Haldi	Kukshi	Dhar
26	Bhimpura	Kukshi	Dhar
27	Awali	Kukshi	Dhar
28	Kodiyakheda	Kukshi	Dhar
29	Konda	Nisarpur	Dhar
30	Dogawa	Nisarpur	Dhar
31	Padiyal	Dhai	Dhar
32	Pithampur	Dhai	Dhar
33	Ajgaon	Dhai	Dhar
34	Amlal	Dhai	Dhar
35	Amaljhuma	Nisarpur	Dhar
36	Heladar	Nisarpur	Dhar
37	Bhilsur	Nisarpur	Dhar
38	Bhawriya	Nisarpur	Dhar
39	Teky	Kukshi	Dhar
40	Golpura	Kukshi	Dhar
41	Lunhera	Kukshi	Dhar
42	Khargoan	Kukshi	Dhar
43	Nimthal	Kukshi	Dhar
44	Badgyar	Kukshi	Dhar
45	Semlipura	Kukshi	Dhar
46	Bheslai	Kukshi	Dhar
47	Talwada	Kukshi	Dhar

48	Dhulsar	Kukshi	Dhar
49	Ambada	Kukshi	Dhar
50	Longsari	Kukshi	Dhar
51	A.Malhar	Kukshi	Dhar
52	Umari	Kukshi	Dhar
53	Anjankhedi	Kukshi	Dhar
54	Aaspur	Kukshi	Dhar
55	Undli	Kukshi	Dhar
56	Jhardi	Kukshi	Dhar
57	Jharda	Kukshi	Dhar
58	Chorbawadi	Nisarpur	Dhar
59	Salkheda	Nisarpur	Dhar
60	Dhukni	Nisarpur	Dhar
61	Loni	Nisarpur	Dhar
62	Karondiya	Manawar	Dhar
63	Julvaniya	Manawar	Dhar
64	Pachkheda	Manawar	Dhar
65	Borali	Manawar	Dhar
66	Dasavi	Manawar	Dhar
67	Guradya	Manawar	Dhar
68	Bhurbaidy	Manawar	Dhar
69	Temryapura	Manawar	Dhar
70	Bhagyapur	Manawar	Dhar
71	Lakhankout	Manawar	Dhar
72	Dawarpura	Manawar	Dhar
73	Bholyapura	Manawar	Dhar
74	Bapdud	Manawar	Dhar
75	Chikli	Manawar	Dhar
76	Kabarwa	Ghandhwani	Dhar
77	Dedli	Ghandhwani	Dhar
78	Brahmngaw	Ghandhwani	Dhar
79	Jhegada	Ghandhwani	Dhar
80	Jaydi	Ghandhwani	Dhar
81	Panwa	Ghandhwani	Dhar

Human Resources involved:

S.N.	Name	Designation
1	Mr Anil Bhalse	Director
2	Dr. Rauf Pathan	Program Director
3	Mr. Rakesh Yadav	Project Coordinator
4	Mr. Vijay Yadav	Accountant/Admin
5	Mr Dwarkilal Dhangar	PU Manager
6	Mr. Vinod Yadav	PU Manager

7	Mr. Lokesh Patidar	PU Manager
8	Punja Mujalda	Field Facilitator
9	Rajendra Sisodiya	Field Facilitator
10	Magilal Nigwal	Field Facilitator
11	Dilip Mandloi	Field Facilitator
12	Pratap Jamod	Field Facilitator
13	Devram Mujalda	Field Facilitator
14	Sukhram Parihar	Field Facilitator
15	Jagdish Nigam	Field Facilitator
16	Vijay Awasiya	Field Facilitator
17	Mohan Solanki	Field Facilitator
18	Ramsingh Thakur	Field Facilitator
19	Lalsingh Mori	Field Facilitator
20	Juwansingh Mori	Field Facilitator
21	Jitendra Muvel	Field Facilitator
22	Sohan Muvel	Field Facilitator
23	Bhart Baghel	Field Facilitator
24	Bilam Baghel	Field Facilitator
25	Devising Mandloi	Field Facilitator
26	Kalmsingh Jamod	Field Facilitator
27	Malsingh Alawa	Field Facilitator
28	Dileep Solanki	Field Facilitator
29	Narayan Baghel	Field Facilitator
30	Ravindra Baghel	Field Facilitator
31	Sardar chouhan	Field Facilitator
32		Field Facilitator
33	i i i i i i i i i i i i i i i i i i i	Field Facilitator
34	Suresh Baghel	Field Facilitator
35	Vijay Baghel	Field Facilitator

Methodology adopted:

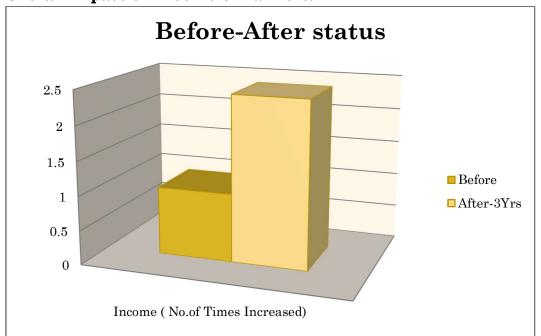
Udyansh has adopted following structure to build up the capacity of farmers:

- 1. **Staff Training:** it has been conducted in the month of April on BCI system with support of BCI accreditor trainer and technical trainings for staff was carried out at different stages of crop during month of June, August, October & January.
- 2. **IEC Material Development:** Udyansh has developed following IEC materials in local dialect with pictorials to build up the capacity of staff & farmers and used in all respective training programs:
- Training Book on cotton production- covering 15014 farmers.
- Flipcharts used by FF during farmers training at LG level. Total 37 flipcharts has been developed covering 11514 farmers.
- Wall Paintings: total 81 wall paintings have been created. The topics were Nitrogen management, low cost technologies such as Amrut Pani & Bisra Khat and about Do's & Don'ts of BCI project

- Flex: Separate flex has been developed on identification of beneficial & harmful insects. Total 50 flex has been developed covering 11514 farmers.
- Banners in schools: for awareness about health of pregnant women & child during cotton cultivation. Total 50 banners has been created covering 15014 farmers.
- Snakes & ladders game: on health aspects in all villages.
- Pictorial posters: total 35 Pictograms has been developed for conducting selfassessment in addition to questionnaires covering 930 farmers.
- FFB: Total 15014 FFB's was developed in local dialect and distributed to 15014 farmers.
- 3. **Lead farmers Training:** Udyansh has provided training to 370 lead farmers on BCI system & MPC's and group dynamics & vision building.
- 4. LG Farmers Trainings: along with awareness in the villages, Udyansh has carried out LG farmer's trainings for all aspects at different stages of cotton crop and covered total 11514 farmers. The LG wise trainings were organised & record maintained accordingly.
- 5. **Demonstration Plots:** Udyansh has established total 81 Demonstrations plots in the field of 81 farmers.
- 6. **IPM Training:** Udyansh has conducted separate 10 IPM training programs for 370 lead farmers & 30 staff members in collaboration with NABARD.
- 7. **Peer Review:** total 165 peer review has been conducted during September to January covering 15014 farmers.

Achievements: -

Overall Impact on income of Farmers:-



AWARENESS IN SCHOOLS REGARDING CHILD LABOUR:





2. FARMERS PRODUCER ORGANISATIONS:

Udyansh Gramin Samaj Sewa Samiti has been selected as a PO promoting Institution (POPI) to implement this project in 2 clusters of Dhar district.

ACTIVITY COMPLETED:-

A. Cluster identified

Udyansh is promoting 05 Farmer Producer Organizations (FPOs) as a Producer Organization Promoting Institution (POPI). The location for each of these FPOs was identified in two clusters of dhar district where Udyansh has already developed rapport with community and implemented earlier projects.

For each location an initial reconnaissance was conducted to select villages which will form a part of the cluster. Thereafter, the key Kharif and Rabbi crops as well as the population of each village were enumerated to finalise the feasible villages in each cluster. The detailed villages in each cluster have been given in the progress report of each FPO in the following pages.

B. Baseline Survey done

A baseline survey is being conducted in each FPO cluster to understand and assess the key crop value chains, average cultivated land area per farmer and the scope of activities that can be taken up in each FPO.

The following methodology is being used to conduct the baseline survey.

- 1. Farmers was being interviewed in each FPO using a questionnaire. The questionnaire covers all details regarding each farmer's land holding, Kharif and Rabbi crops.
- 2. The sampling methodology used is stratified sampling such that to include a proportional number of farmers from each village in the cluster. This ensures a substantial representation of all farmers in the cluster. It is also being ensured that marginal, small, medium and large farmers are being included in the sample to assess their different cropping patterns.
- 3. After conducting the individual interviews of farmers in each FPO, Focus Group Discussions (FGDs) are being carried out with key farmer leaders and decision makers to assess the existing crop value chain and propose activities that can help the farmers improve their value chains through the FPOs.

4. The data of cropping pattern of each farmer is being statistically analysed to arrive at the key crops and average landholding. Statistical mean and frequency distribution will be used for the analysis.

C. Farmers list computerized

While conducting awareness meetings in each FPO cluster, the baseline survey was also completed simultaneously. While pursuing these two activities, farmer lists were also prepared. The same was fed in computer based spreadsheet and will be used to analyse the baseline data, finalise BOD members and finalize other FPO members.

D. Awareness meeting conducted:

Before conducting awareness meetings in each FPO cluster, the key contact person at the location was informed in advance to finalize the date for the meeting after discussing with key farmer leaders and decision makers in the villages.

A banner was prepared to create interest and awareness among more people in the villages. Leaflets were also prepared to create awareness about Udyansh as well as the project NABARD POPI and key crops at the location.

A gathering of at least 50 to 100 farmers were present at the awareness meetings in each cluster. Moreover, the meeting was conducted in a location where most farmers were likely to converge such as local temple premises, school premises, bus stops etc.

The following topics were covered in the awareness meetings by Udyansh's field coordinators:

About Udyansh – When the organization was established, project coverage area, projects being undertaken which will be of keen interest to farmers etc. About the NABARD POPI project –Why this project, Udyansh's role, importance of forming FPOs.

Key benefits of forming FPOs – Economies of scale, lowering cost of production, better market linkage, benefits of working as a legal entity, democratic structure of organization, examples of activities that can benefit the FPO like bulk input purchase, formal purchase contracts with buyers, better extension services etc.

 How to form an FPO – Selecting good leaders and decision makers as Board of Directors (BoD), collection of registration documents such as PAN card, identity proof and address proof, collection of share capital, importance of regular meetings and book keeping etc. Exposure visits are being planned to already successful FPOs to showcase to farmers live examples of the benefits of FPO formation.

E. Constitution of BOD

During the awareness meeting the farmers were informed to select their Board of Directors. The BoD is to be selected in such a way so as to ensure equal representation from each village in the FPO cluster. Moreover, the farmers were advised to select Board of Directors who are influential leaders and key decision makers with a strong vision for the FPO.

Keeping this in mind, BoD members have been constituted for each FPO.

F. Training of BOD

Once the BoD members had been constituted, the training of BoD members is being conducted at Udyansh cluster office. The thought behind conducting BoD training at Udyansh's office is to ensure that the BoD members get to interact with the management at Udyansh and a strong relationship is established between Udyansh and the BoD members. Moreover, this gives the BoD members more comfort and trust in working and interacting with Udyansh as the POPI.

The BoD training module consisted of the following topics: Background behind formation of FPOs, Who can form a FPO, Benefits of forming a FPO, Structure of a FPO, Documents required to register a FPO as a producer company. Minutes of the training and attendance were also recorded. The training proceedings with signature of all members are attached as

G. Completions of statutory processes & Application for registration After the BoD training, the BoD members had an adequate understanding of the documents required and registration processes for registering their FPO as a producer company. Udyansh's field coordinators is collecting the required documents and handing over the same to Udyansh's company secretary for the registration process. The indicative list of documents being collected from 5 directors and 5 promoters of each FPO is given – PAN card, Aadhaar card/Driving Licence/Voter Identity card, Bank statement/electricity bill as proof of address, land document, Digital signature certificate and Photo.

PHOTOGRAPHS Awareness meetings conducted









BoD trainings







3. PROJECT ON PROMOTING 'WATER STEWARDSHIP PRINCIPLES & BETTER SOIL MANAGEMENT' PRACTICES IN 10 VILLAGES OF KUKSHI BLOCK, DHAR:

EXECUTIVE SUMMARY

The project on Promoting 'Water Stewardship Principles & Better Soil Management' Practices was successfully implemented from May 2019 to March 2020 in 10 villages of Kukshi block in Dhar district.

The pilot project aims at developing a model for promoting water stewardship. This comprises of a) Creating awareness among farmers on water availability and water risk in the catchment beyond their own farms b) Promoting improved water management and soil management practices and c) Promoting improved agronomic practices and promotion of bio fertilizers, pesticides among cotton growing farmers in the selected villages.

The Major interventions were a) Capacity building programs for Cotton farmers, b) Community engagement for water management, c) Strengthening women institutions and d) Strengthening water infrastructure.

Udyansh in coordination with ISC team has successfully implemented all the interventions within scheduled timeline in spite of few challenges.

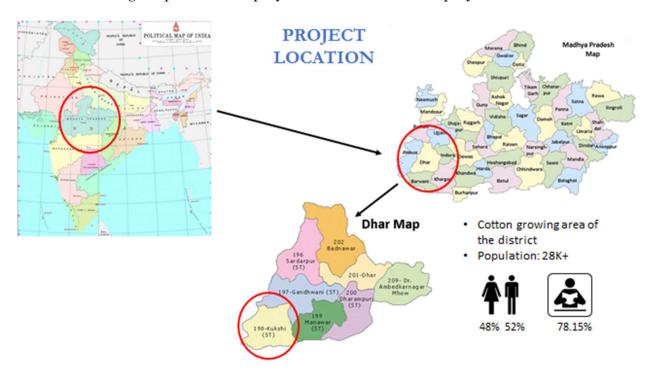
The following table indicates the achievement against set KPIs:-

S.N.	Performance metrics/ Indicators	Target/Output	Achievement
1.	Number of RRA Report Prepared	10	10
2.	Number of Training programs organized	30	30
3.	Number of farmers trained	1000	1000
4.	Percentage of women farmers trained	35	35
5.	Number of demo plots established	30	30
6.	Number of Water literacy camps organized	10	10
7.	Number of village water security plan developed	03	03
8.	Number of Block level workshop organized	03	01
9.	Number of existing structures repaired & de-silted	03	02
10.	Number of In-Situ Soil moisture conservation	100	100
	practices demonstrated		
11.	Number of alternate livelihood by creating women	10	10
	entrepreneurs promoted		
12.	Number of GP engaged for Strengthening water	10	10
	management		
13	Number of Women Capacity building programs	10	10
	organized		

14.	Number of times demo farmers interacted with KVK	03	03
15.	Number of Project review meetings conducted	04	04

PROJECT AREA

The following Map shows the project location where the project has been



executed:-

Pilot Project Villages in Kukshi Block, Dhar









Total population 16,284

Female: 49% Average literacy: Male: 51% 39.62%

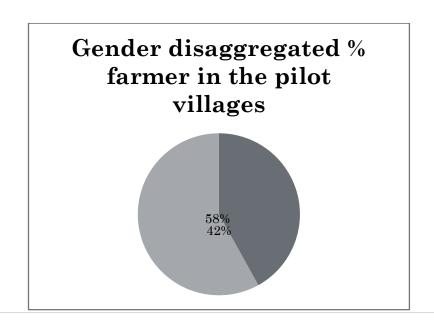
- Characterized as Tribal area
- Average land holding is 2-3 acres
- Major source of livelihoods: Agriculture & Agri labor
- · Major crops: Cotton, maize, wheat and gram
- Approx. 50 to 60 % of the agriculture is rainfed
- Total cotton cultivation area: 3581.5 hectare (approx. 40% of the total cultivable land)



PROJECT BENEFICIARIES:-

Village wise details of targeted Beneficiaries are mentioned as below:-

S.N.	Village	Female	Male	No. of groups	No. of farmers	Total land (acres)	Cotton cultivated (acres)
1	Dholya	0	121	4	121	254	169
2	Mogara	115	0	3	115	480	310.5
3	Chikli	0	200	5	200	424.50	338
4	Girwanya	94	0	3	94	398	292.5
5	Haldi	96	4	3	100	415	299
6	Roza	0	40	1	40	201	159
7	Sustipura	0	88	3	88	344.5	255.5
8	Dongergaon	73	0	2	73	225	148
9	Talanpur	39	59	4	98	349	235
10	Ali	3	70	2	73	183.5	137
	TOTAL	420	582	30	1002	3274.5	2343.5



PROJECT INTERVENTIONS IMPLEMENTED:

1. Orientation and Developing team of Extension Workers:
Before building the capacity of farmers, Udyansh has organized orientation



program all project staff & volunteers to develop the common understanding about the pilot project and to

finalize the roles & responsibilities of each member. All staff members has been provided with training materials which can be further used for village level meetings & trainings of farmers. Udyansh has identified & engaged all kurshisakhis/mitras for all 10 villages. They have been trained about the project & theirs key roles in community mobilisation, their participation & Community mobilization, follow up of activities with selected farmers. Udyansh has created a cadre of 8 extension workers aka "Krishi Sakhis/Krishi Mitras" which includes 2 women & 6 men members. Each extension worker is



responsible for overseeing pilot activities and adoption of practices in one village

2. Rapid rural Appraisal (RRA):-

A baseline study was conducted in all 10 villages through RRA (Rapid Rural Appraisal) to understand the socio-economic context, water scenario, soil health and agriculture practices in cotton production.



Udyansh has conducted RRA Meetings in all 10 villages in consultation with villagers. Pre-intimation was given to villagers one day before meeting.

Representation from whole village was there. The meeting was coordinated by project manager along with all project staff members. The information was collected through interactions with group, observations & resource mapping.

House hold (HH) survey for 1000 farmers has been also completed. Before conducting survey, a structured questionnaire in local dialect was developed and explained to all staff members who are responsible for this survey. Door step survey was carried out as per availability of farmer. The data has been computerized for all the participating families.

Key findings of RRA:

- Lack of knowledge about sustainable cotton cultivation practices for water, pest and nutrient management
- Only using chemical pesticides for pest control

- Excessive use of pesticides, random spraying not as per pest attack
- Excessive use of fertilizers especially urea (Nitrogen)
- Use of flood irrigation is very prominent
- Poor conditions of Water conservation structures- either broken or filled with silt decreasing water storage capacity
- Low access to government schemes and extension services due to distance from district HQ

3. Farmer Trainings:-

Before conducting farmers training program, Udyansh has developed different kind of IEC materials such as calendar, banner, posters etc. and used for awareness & training conducted so far. Udyansh has developed training modules before starting of cotton cycle for:

- Soil Management to improve soil health
- Water Stewardship for efficient water use and management
- Integrated Pest management to reduce the pesticide/toxic load

All the selected 1000 cotton growing farmers was trained at different critical stages of cotton crop. The focused areas of training were:-

- a) Better soil health management through integrated nutrient management which includes application of recommended nutrients, application of bisra khat (bed compost), soil conservation measures etc.
- b) Water literacy through water budgeting
- c) Effective water management through alternative furrow irrigation, mulching etc.

Looking to the situation of soil health, organic fertilizers such as bisra khat, composting through inoculation of bio-culture in FYM etc. has been promoted



and use of chemical fertilizers has been minimized to sustain our soil health. Each farmer has been motivated for adoption of either use bisra khat or compost from available FYM and also promoted adoption of bio-pesticides such as neem oil/neem cake. On the other hand, farmers have been trained for adoption of only recommended pesticides with right time & in right weather conditions.

Farmers capacity was developed through group meetings, formal trainings, follow-up meetings, hands-on-training and exposure visits to demonstrations plots in their respective villages. Local Volunteer (Krishi Sakhis) from each village was identified & trained for handholding support to these farmers. The farmers have been specially trained for promotion of organic fertilizers & bio pesticides with available resources at their farm & its further application in cotton crop. Krishi Sakhis have monitor & ensure the adoption of organic fertilizers & bio pesticides application in their fields.

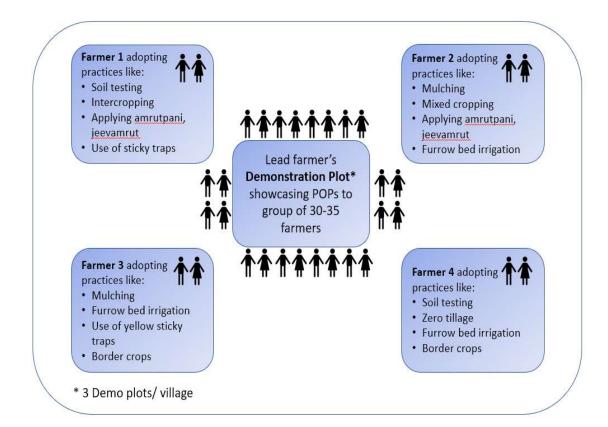
Six Farmers Field School sessions covering following topics (PoP) as per cotton crop cycle was conducted:

- Land preparation, application of FYM
- Seed treatment, Sowing and appropriate plant spacing, Nitrogen management through split doses, use of bio pesticides in first 45 days
- Soil moisture conservation through mulching
- Integrated water management through: right time of irrigation, alternate furrow, furrow irrigation, micro irrigation.



4. Establishment of demonstration plots:-

Apart from trainings, Udyansh has also established 3 demonstrations plot in each village. These demonstrations includes all improved & better cotton cultivation practices including seed treatment, optimum plant spacing(dense plantation), promotion of trap crops and intercrops & Nitrogen management(Application of Bisra Khat & Compost khat). Effective methods of irrigation, water management, application of bio-pesticides, use of various traps etc. have been also demonstrated. Farmers received hands-on training and developed understanding on sustainable practices and decision- making process. Following flow diagram shows the impact of demo plots:-





List of demo farmers: Following farmers were identified for establishing demonstration plots at their field:-

S.N.	Name of Demo farmer	Village
1	Sakri bai Sirdar	Mogra
2	Bhuribai Gulab Singh	Mogra
3	Ralibai Chitusingh	Mogra

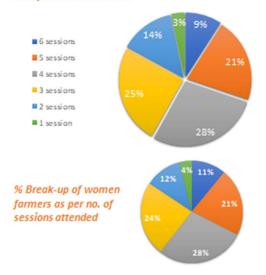
4	Shantabai Bhagwansingh	Haldi	
5	Lilabai Anil	Haldi	
6	Antarbai Pawan	Haldi	
7	Relabai dursingh	Dongargaon	
8	Sushilabai Rikhdiya	Dongargaon	
9	Anitabai Suresh	Dongargaon	
10	Butasingh Vesta	Sustipura	
11	Garamsingh Navalsingh	Sustipura	
12	Chagan bhuvansingh	Sustipura	
13	Eeda Gama	Aali	
14	Laxman Wakla	Aali	
15	Shersingh naharsingh	Aali	
16	Sardar Raghunath	Roza	
17	Pratap Dhundra Singh	Roza	
18	Dyansingh Walsingh	Roza	
19	Ganpat Rokdiya	Chikali	
20	Kailash Patliya	Chikali	
21	Kesarsingh Chuga	Chikali	
22	Narayan Matansingh	Dholiya	
23	Vishram versingh	Dholiya	
24	Raju Bhavsingh	Dholiya	
25	Jamanabai Kevalsingh	Talanpur	
26	Raghubai Bondarsingh	Talanpur	
27	Kailabai Tukaram	Talanpur	
28	Kamalabai Samasth	Girwaniya	
29	Krishnabai Dinesh	Girwaniya	
30	Nahalibai Vikram	Girwaniya	

Statistics of demo plots:-

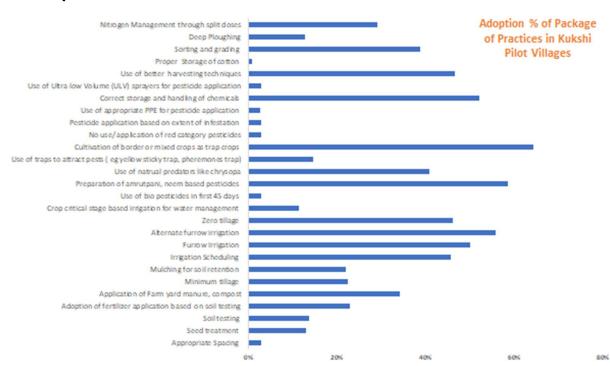
- . Total number of FFS trainings conducted: 180
- 75% of the total farmers attended at least 3 sessions
- 100% of the farmers attended at least 1 session

FFS sessions	Women farmers attended (out of 420)	Male farmers attended (out of 582)	Total attendance
SessionI	63%	62%	62%
SessionII	70%	74%	72%
SessionIII	75%	79%	77%
SessionIV	58%	52%	54%
SessionV	59%	55%	57%
SessionVI	60%	54%	57%
Average participation	64%	63%	63%

% Break-up of total number of farmers as per no. of sessions attended



Adoption of POPs:-



PoPS with more than 50% of adoption are:

- Alternate furrow/ furrow irrigation
- Preparation of bio pesticide like amrutpani
- Cultivation of border crop/ trap crops
- Correct storage and handling of chemicals

No. of practices	% of farmers
1 to 5	14%
6 to 10	57%
11 to 15	24%
16 to 20	296
more than 20	3%

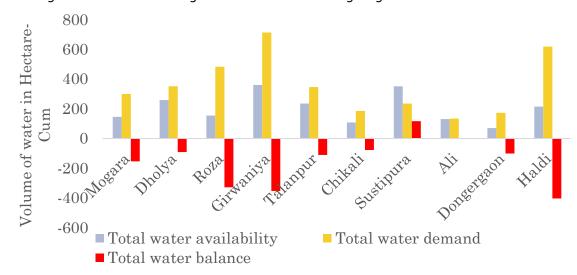
All the farmers have adopted at least one good practice

- Right way of cotton
- picking and harvesting techniques
- 5. Community engagement for water management:-

5.1 Water Budgeting:

Udyansh have been completed water budgeting in all 10 villages' in consultation with villagers. In near future, it will be displayed at common point in each village through wall painting. This will help farmers to understand the water supply and demand scenario in the village as per the availability of water in their village.

- Water supply and demand were estimated to calculate the water balance in the villages along with the community members
- Water demand constitutes domestic, livestock and agricultural requirements
- Water Supply constitutes water from rainfall, surface and groundwater resources
- Following chart indicates the village wise status of water budgeting:-



Above chart indicates that 9 out of 10 Pilot villages have negative water balance i.e. they
are water deficit



After doing budgeting of 10 all villages, Udvansh have completed 10 all village level wall panting of water budgeting and also displayed to community on regular basis. This has increases the understanding level of villagers about water importance & its effective use and having very good impact on community.

5.2 Water Literacy:

Water literacy camps was organised in all 10 villages. The village wise details of water literacy camps are mentioned in below table:-

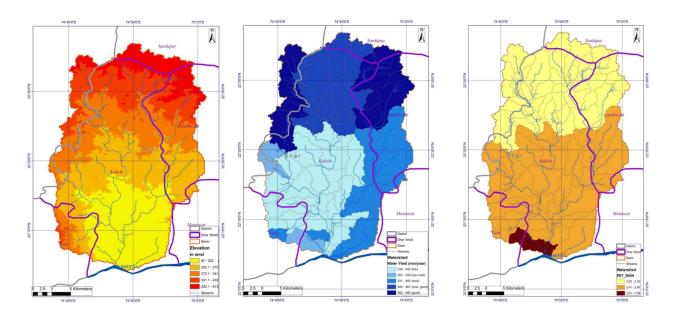
S.N.	Name of Village	No. of	Participation		
		camps	Women	Men	Total
1	Mogra	5	56	78	134
2	Haldi	6	57	83	140
3	Girvaniya	7	43	80	123
4	Dongargaon	4	47	66	113
5	Talanpur	6	95	107	202
6	Sustipura	5	51	96	147
7	Aali	4	48	86	134
8	Dholiya	6	57	85	142
9	Chikali	5	56	98	154
10	Roja	3	34	53	87
	Total	51	544	832	1376

The objective to organise water literacy camp is to create awareness among cotton farmers on:

- > Catchment knowledge and associated water risks
- Water Status Hydrological, Geological, groundwater decline
- > Location of village on catchment
- Water resources in the village
- Catchment Water Balance based on users and uses
- Crop water requirement for cotton and current use
- ➤ Need of improving on farm Water Use Efficiency

➤ Potential recharge zones and water storage

Following Geo hydrological maps were prepared & shown to the farmers to enhance their catchment knowledge:-





Water budgeting and significance of package of practices were discussed for water conservation and water management in the villages.

As a result of water awareness sessions, a) community members voluntarily created four embankments (bori dams) in four villages to increase the retention time of water and control soil erosion. B) Community members also participated in creating eight recharge pits near tube wells pumps to improve the groundwater recharge in the villages.

6. Strengthening women institutions:-

In the village level RRA Meeting and Water Group meeting, we found out the few women of village knew something about bio-pesticide and bio-fertilizer & interested to start their own entrepreneurship. Accordingly, Udyansh have been formed a women entrepreneur group in the village & trained then about entrepreneurship.

The Entrepreneur group members started Bistara Khad (Organic Fertilizer) Production. Group made number of Bistara Khad (Organic Fertilizer) and sold to nearby farmers, already aware. The Entrepreneur group members have also made amrut pani as bio pesticide and started to market it in with nearby farmers. The Group members will be planning to make bio pesticide like Amrit Pani and bio fertilizer like Bistara Khad on regular basis at their own and will sell out to other farmers in kukshi area villages.

Success story:- Sayaripura Entrepreneur Group, Village Girwaniya

Women entrepreneur group for Bio-pesticide and Bio-fertilizer preparation

- A group of 13 women were created to produce bio pesticide and bio fertilizer material (Amrutpani and Bistra Khad)
- Prepared 250 l of Amrutpani from locally available material
- · Cost of production: Rs 3000
- · Estimated selling price: Rs 50/l
- They distributed 120 l of Amrutpani to other farmers for trial purpose
- Engaged Rural livelihood mission in this initiative for potential financial support for next year





- This group also prepared 5 Bistra khad/bio fertilizer bed (substitute to DAP fertilizer) which will be ready by April 2020
- Total production: 2000 kg
- Cost of production: Rs 5000
- Estimated selling price: Rs 7/kg
- Engaged Rural livelihood mission in this initiative for potential financial support for next year

A farmer purchasing bio pesticide and bio fertilizer from the group is expected to save on an average Rs 4000 per acre as compared to conventional pesticide and fertilizer from the marketplace.





7. Strengthening water infrastructure

The main objective for taking this intervention is to a) increase the water holding capacity of the structures and b) to increase in water supply for irrigation, domestic, drinking, and recharging of groundwater through de-siltation.

After series of meetings with ISC team, Udyansh have identified three potential sites where repair & renovation including de-siltation can be done.. Three sites in three different village's viz. Haldi, Talanpur and Dholya were selected on the basis of following parameters:-

➤ Identification of structures in the need of repair & renovation works

- > Support from community members and Gram panchayat
- > Number of households to be benefitted

After finalisation of sites, detailed estimation was completed with expert opinions & the same has been approved from ISC & Local PRI i.e. Village Gram Panchayat then the work has been started with support from local community in Haldi & Talanpur villages. The impact of these water strengthening structures is shown in below table.

Villages			Numbers of Beneficiaries
Haldi	1.5	111.2	45
Talanpur	2.24	190.9	55
Dholya	0.96	86.5	20





MAJOR OUTPUTS & OUTCOMES

Rapid Rural Appraisal

• 10 Rapid Rural Appraisal conducted

Field Extension workers

• Cadre of 8 field extension workers

Water Source Strengthe -ning

• 3 structures for Desiltation 4.7 million

liters water holding potential

120 beneficia

Farmer Learning Groups

30 groups created

42% women

58% men

- Women Entrepren -eur
- 1 group of 13 women
- Produced 250 I of bio pesticide
- 2000 kg of bio fertilizer
- Water Conservation Measures
- Eight recharge pits

embank-

ments

Gram

Panchayat

ries

Four

- Demo Plots and PoPs
- 30 demo plots
- 30 PoP
- At least one adoption of practices
- Water Budgets
- 10 water budgets
- 9 out of 10 water deficit villages

- ers Engaged

- Farmer Field School
- 6 FFS sessions
- 180 training
- 64% women participation
- conducted Water literacy Activities
- 51 meetings
 - 1376 people reached • 40% women

participation

State livelihood mission



BENEFICIARY FEEDBACK



"I have adopted seed treatment with cow urine, cleaned the farm boundary and surrounding vegetation area, undertook deep ploughing at the time of plantation. We were not aware of these practices and their benefits earlier."

- Shantabai, FFS member village Sustipura

"By now we would have spent Rs 15000 on pesticides, however with this training and advice we have used neem oil and amrutpani spray on plants. We are happy to see the pests attack has reduced significantly."

- Sekharibai, Farmer



MEDIA COVERAGE

Local paper media capture our intervention on regular basis. Few coverage is as follows:-

उदयंश ग्रामीण समाज सेवा समिति

मृदा व जल संवर्धन के लिए किसानों को किया प्रेरित

जैविक दवाई व अमृत पानी बनाने के उपाय भी बताए

पत्रिका न्यूज़ नेटवर्क

कुक्षी.ग्रामीण क्षेत्रों में उदयंश ग्रामीण समाज सेवा समिति द्वारा कुछ समय से विकासखंड के 10 ग्रामों डोंगरगांव, तालनपुर, सुस्तीपुरा, आली, रोजा, मोगरा, गिरवान्या, हल्दी, डोलिया, चिकली आदि में मृदा एवं जल संवर्धन का पायलट प्रोजेक्ट संचालित किया जा रहा है।

प्रोजेक्ट मैंनेजर चंदन पांडे ने बताया कि इस प्रोजेक्ट के तहत विकासखंड के दस ग्रामों में किसानों द्वारा सोखता गड़ढ़े खोदकर बारिश के पानी को जमीन में उतारने के उपाय भी किए जा रहे हैं। इसके साथ ही उदयंश समिति द्वारा किसानों को कपास की बेहतर खेती करने के तरीके भी बताए जा रहे हैं।



हल्दी गांव में अमृत पानी बनाने के उपाय बताते हए।

ग्रामीण क्षेत्रों में किए जा रहे इन कार्यों का निरीक्षण करने समिति के डायरेक्टर अनिल भालसे के साथ ही प्रोजेक्ट को ऑर्डिनेटर रिचा शर्मा दिल्ली ने क्षेत्र में भ्रमण कर इल्दी तथा तालनपुर ग्राम में ग्रामीणों के साथ पौधरोपण भी किया। निरीक्षण के दौरान डायरेक्टर अनिल भालसे, राकेश यादव सहित टीम ने किसानों को जैविक दवाई व अमृत पानी बनाने के तरीकों के बारे में विस्तृत जानकारी भी दी इस दौरान निरीक्षण दल के साथ ही कुक्षी टीम के प्रोजेक्ट मैंनेजर चंदन पांडे, राकेश यादव, विनोद यादव, तालनपुर सरपंच कैलाश कन्नौज आदि मौजद थे।

ग्राम तालनपुर के किसानों ने किया श्रमदान, बारिश का पानी रोकने हेतु हैंडपम्प के पास खोदा सोख्ता गड्डा

चैतन्य लोक » कुक्षी

dainikchaitanyalok.com

उदयन्श ग्रामीण समाज सेवा सिमित द्वारा ब्लॉक कुश्वी के 10 ग्रामों में मृदा एवं जल संवर्धन का पायलट प्रोजेक्ट संचालित किया जा रहा है। जिसके तहत ग्राम तालनपुर में मृदा एवं जल संवर्धन के लिए कपास उगाने वाले किसानों के साथ जागरूकता का कार्य किया जा रहा है। जिसके अंतर्गत आज ग्राम में किसानों ने श्रमदान करके हैंड पंप के पास एक सोख्ता गृङ्ग बनाया जिससे हैंडपंप का पानी जमीन में उतरने में मदद मिलेगी इस कार्य में ग्राम के रमेश भाई कन्नौज गजेंद्र भाई कन्नौज भारत भाई कन्नौज कालीबाई



भूलाबाई सुरबाइ द्वारा श्रमदान किया गया । किसानों ने बहुत हि प्रसन्न होकर कहा कि अब हमारा ग्राम का पानी ग्राम में ही रहेगा । उदयन्श से इस कार्य के लिये बिलम बघेल लक्ष्मन बद्रि कन्नोज तथा चन्दन पाण्डे आदि मौजूद थे साथ हि समाजिक कर्यकर्ता महेन्द्र कन्नोज ग्राम तालनपुर के निवासी ने भी इस कार्य मे श्रमदान किया।

डॉक्टर्स डे पर अलिजियंस अकेडमी में स्वास्थ्य परीक्षण

प्रभा। मनुष्य के जीवन में सबसे महत्वपूर्ण कुछ है तो वह है स्वस्थ शरीर। स्वस्थ शरीर में स्वस्थ मन व बुद्धि का वास होता हैं। इसी को ध्यान में रखते हुए इस वर्ष भी शिक्षा के मदिद अलिजियंस अकेडमी में स्वास्थ परीक्षण का कार्यक्रम स्खा गया। इसके लिए शिशु रोग विशेषज्ञ डॉ. यू के. भायल, डॉ. निर्मल पाटीदार, डॉ. प्रशात भट्ट, डॉ. निर्मल पाटीदार, डॉ. प्रशात भट्ट, डॉ. निर्मल पाटीदार ने बच्चों के स्वास्थ्य परीक्षण कर उन्हें निप्रमित स्वास्थ्य स्वर्ध से बीमारियों का शरीर में प्रवेश नहीं

दैनिक भारकर

दैनिक भास्कर

बोरी बांध बनाना और हैंडपंप के पास सोख्ता गड्ढा बनाना सिखाया



कुक्षी. ग्राम सुस्तीपुरा में किसानों को जानकारियां देते डॉ. तांबे।

कुक्षी | बारिश के बहते हुए जल को सहेजने एवं रोकने का यही समय सबसे उपयुक्त है। हमारे जीवन में पैसे से भी जरूरी है मृदा एवं जल का संरक्षण। यह बात मंगलवार को सुस्तीपुरा में सलाहकार व वरिष्ठ कृषि विशोषज्ञ डॉ. एनके तांबे ने कही। विकासखंड में उदयंश ग्रामीण समाज सेवा समिति द्वारा डॉगरगांव, तालनपुर, सुस्तीपुरा, आली, रोजा, मंगरा, गिरवान्या, हल्दी, ढोलिया, चिक्तली आदि में मृदा एवं जल संवर्धन के लिए किसानों को प्रेरित किया जा रहा है।

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ा। वि पायलट प्रोजेक्ट के अंतर्गत विकासखंड के दस ग्रामों में किसानों द्वारा सोख्ता गड्ढे खोदकर बारिश के पानी को जमीन में उतारने के उपाय भी किए जा रहे हैं। समिति सलाइकार एवं वरिष्ठ कृषि विशेषज्ञ डॉ. तांबे इंदीर एवं समिति सदस्यों ने ग्रामीणों को श्रमदान द्वारा बोरी बांध बनाना तथा हैंडपंप के पास सोख्ता गड्ढा खोद कर जमीन में पानी उतारने की विधि बताई। परियोजना समन्वयक राकेश यादव, परियोजना प्रबंधक चंदन पांडे सहित बड़ी संख्ता में किसान उपस्थित थे।

ें पेड़-पौधे हमारे पूर्वज भी हैं : डॉ.तांबे

भास्करर संवाददाता | कुक्षी

जो हम आज पीधारोपण कर रहे हैं ये मात्र पेड़ पीधे ही नहीं बल्कि हमारे पूर्वज हैं। 84 लाख जीनियों में से एक गोनी पेड़ पीधे भी हैं। इनकी सेवा करना भी हमारे पूर्वजों की ही सेवा करने के समान है। जो कोई भी पेड़ पीधों की यूव करता है उसे निश्चित ही पूर्वजों का आशीबांद प्राप्त होता है।

यह बात वरिस्ठ कृषि विशेषज्ञ डॉ. एनके तांबे ने सोमवार को समीपस्थ ग्राम तालनपुर में स्थित शन मंदिर परिसर में पीधारोपण के दौरान कहीं। ग्रामीणों व किरसानों को डॉ. तांबे ने पीधारोपण करने की सही विधि व महत्व बताया। चौंबु, जाम, मीताफल, नींबु, कटहल, अनार, नीम आदि के करीब 25



पौधे लगाए। ग्रामीणों ने परिसर को हराभरा बनाने के लिए आगामी दो तीन दिनों में कुल 301 पौधे रोपने का लक्ष्य रखा है।

उद्यंश ग्रामीण समाज सेवा समिति के परियोजना समन्वयक राकेश यादव, प्रोजेक्ट मैनेजर चंदन पांडे, बद्री कन्नीज, जगदीश प्रजापत, केवलिंस्ह कन्नीज, करुण पुंजाल, स्मेश कन्नीज सहित ग्रामीण मौजुद थे।

3. Integrated watershed development programme:

Udyansh Gramin samaj sewa samiti, as PIA has successfully completed following pre-CBP activities:-

- 1. Prepared watershed area & watershed map with all physical features.
- 2. Meetings: During the period of, hamlet wise meetings was organised to aware the community about the programme and about the benefits that may be accrued in taking up this

- participatory watershed development program. All meeting proceedings have been documented in registers.
- village meeting in the presence of DDM, Dhar:, a meeting was organised in patelpura hamlet of Haldi village. Where all villagers
 Udyansh team was participated. Following issues was discussed during the meeting:-
- Watershed community should be willing in principle to participate effectively in the project.
- The Watershed community should agree to contribute a minimum of 16% of unskilled labour cost of the project measures in the form of shramdan.
- The entire Watershed community shall agree to ban free grazing in treated areas and a ban on clear feeling of trees within the watershed area and such other measures as are necessary for maintaining and protecting the treatments undertaken for watershed development.
- The Watershed community is willing to reduce the livestock population, in due course of time, to carrying capacity of the watershed.
- Date and place for exposure visit was finalised.
- Importance of VWC was also discussed and 25 Nominations including 5 women member come forward. Out of the total nominations, a village watershed committee was formed comprising 11 members in consultation with all participants who presented in the meeting.

All above issues has been explained to villagers and for which they have provided their consent, all meeting minutes has been documented at village level.

Immediately after meeting, shramadan was carried out for desilting work and bori bandhan (TCD) in the village.

- 4. Exposure Visit: As decided in the DDM's meeting, a exposure visit was organised on 25th December 2019 for 22 persons. All proactive villagers including vwc members visited to Randha Ahirwas watershed, Kalibawadi. During the exposure visit, all participants were explained about the watershed concept and shown the different kind of treatments done under the program. This visit helps in developing clear understanding about the watershed.
- 5. Finally, Udyansh has completed net planning for 100 hectare in consultation with VWC and community in a very systematic and participatory manner.

Financial statement

UDYANSH GRAMIN SAMAJ SEWA SAMITI

EXPENDITURE	Amount	mount Amount INCOME		Amount	Amount
Balance C/D		1929012	Balance C/D	0	1014215
Foreign Contribution Expenses: Better Cotton Initiative Program DOMESTIC VIOLENCE & COVID-19 WALL PAINTING ISC Project Deprecation on Fixed Assets (FC)	6317997 116128 1238493 7057	7679675	Foreign Contribution Income: Contribution Received From IDH Contribution Received From IDH (Walpainting Fund) Contribution Received From Sustinable India Interest on SB A/c	6310903 116128 1660859 75823	8163713
Surplus being the excess of income over expenses carried to Balance Sheet Local (Deficit) FC (Surplus)	(914797) 484038	(430758)			
TOTAL		9177928	TOTAL		9177928

UDIN: 21023226AAAADV3853

PLACE: INDORE

Date: 10.07.2021



AS PER OUR REPORT OF EVEN DATE ANNEXED FOR V.R.SUBRAMANIAN & CO CHARTERED ACCOUNTANTS

> (V.R.SUBRAMANIAN) PROPRIETOR. (MEM: 023226 / FRN: 007786C)

OUR VALUABLE PARTNERS















