

**Developing Culture of Sustainable Development and
Lifestyle through Organic Production and
Consumption in the State of Rajasthan (ProOrganic II)**

Farmer's Trainings and Exposure Visits

Synthesis Report



2020-21

Background

India is mainly an agricultural country, where around 58 percent of the nation's population depends on agriculture for livelihood. There is a huge untapped potential of organic farming in India. Organic farming emerged as an alternative for increasing food demand, maintaining soil fertility and enhancing soil carbon pools. The promotion of organic consumption is directly related to consumers' right to a healthy environment in various ways. The use of harmful pesticides and chemicals in agriculture is one of the major causes of environmental degradation and this is also not good for human health. The chemicals in food products adversely affect reproduction in females. Moreover, in Indian societies being largely patriarchal, the needs of women are not prioritised, so these women are more prone to chemical contamination in food.

ProOrganic II

After the successful implementation of phase I, which increased awareness among farmers, phase II of the project is extended to ten major agriculturally potential Rajasthan districts, including six previous districts. The project's duration is from April 01, 2017, to March 31, 2021, and is being implemented in 192-gram *panchayats* of ten selected districts of Rajasthan. The main objective of the project is to fill the identified gaps and sustain the acquired momentum to achieve expected outcomes of a better eco-system through the promotion of organic consumption.

More information at <https://cuts-cart.org/developing-a-culture-of-sustainable-consumption-and-lifestyle-through-organic-production-and-consumption-in-state-of-rajasthan-proorganic-ii/>

Why a Farmer Needs to be Trained in Organic Farming?

Since the introduction of scientific agriculture, farmers and consumers have lacked awareness and information on the dangers posed by chemical substances on conventionally grown products to the growers, consumers, and the environment. Conventional agriculture has provided toxic materials in crop protection without considering the other problems they will generate and their effects.

The soil fertility has been affected most given that the soil is no longer regarded as a living system constituent in this form of farming. This should be kept free of pollution by poisonous chemical agents, consequently reducing its productive quality over time, thus poor yields and eventually subjecting households to food insecurity. In this context, farmers need to be trained scientifically as per the current situation and trend.

Importance of Farmer's Training and Exposure Visits in ProOrganic II

Objectives and Methodology

A total of ten District Level Training Programmes and Exposure Visits for farmer groups were organised during the year. The objective was to motivate farmers to reduce chemical uses in farming by way of several sessions/lectures on organic farming and related issues through subject experts and showcase some of the successful live demonstrations of organic farming for practical orientation in all ten districts. Efforts were made to ensure the participation of farmers, especially women farmers, representing all blocks of the district.

The objective of the orientation was to build the capacities of farmers and inspire them to take up organic farming through experience gained from various subject experts and live demos of organic culture. Through the trained farmers, it was further envisaged that they would work as catalysts at the local level to impart their knowledge gained from orientation and exposure.

The participating farmers were taught about the efficacy of vermicomposting and other eco-friendly methods, such as polyhouse farming, mulching and recycling of farm waste besides drip and other water conservation technologies during the session. Subject experts of Agriculture Departments took these sessions, Krishi Vigyan Kendra (Agriculture Science Centres), Agriculture Universities and Colleges and Agriculture Research Institutes.

Summary of Activities

In all the ten District Level Training Programmes and Exposure Visits conducted by CUTS, it was ensured that there is a representation of farmers from each district block. Only a few farmers were found to be purely involved in organic agriculture before orientation, but after the programme, many were highly motivated to adopt an organic farming method.

These events helped bring farmers and institutions on a common platform for better coordination in the future and understanding of organic farming, which will ultimately help reap good results. Healthy debate and discussion over myths about organic culture and financial benefits took place.

The events also helped participants to know some of the traditional ways of organic farming, such as the formation of vermin-wash and compost, herbal pesticides/insecticides management, treatment of seeds and soil management, etc.

S. N.	District	Date	Participants
1.	Kota	November 18-19, 2020	50
2.	Dausa	November 20-21, 2020	50
3.	Jhalawar	December 08-09, 2020	50
4.	Udaipur	December 30-31, 2020	45
5./6.	Chittorgarh /Pratapgarh	January 20-21, 2021	82
7.	Bhilwara	January 22-23, 2021	62
8.	Sawaimadhopur	January 28-29, 2021	47
9.	Jaipur	February 09-10, 2021	48
10.	Jodhpur	February 24-25, 2021	50
	Total		484

The second day was dedicated to exposure visits to nearby farms, which were managed by local agriculture farmers working exclusively on organic farming. The participants of the first day were taken in vehicles to visit a nearby farm. The farm owners at all the places showcased a live demonstration of various traditional organic farming systems through their experiences and tried to motivate participants to adopt organic farming. Participants visited farm sites and saw the convergence, which motivated them to adopt organic farming and consumption. Queries from the workshop were resolved.

District Level Farmer's Training and Exposure Visits were organised by CUTS, in partnership with district project partners. Around 50 participants from each district, representing every sub-district (block), participated in the activity. The target beneficiary of the activities were only farmers from selected *panchayats* from ten project districts. Special efforts were made to ensure female participation. The details of all the ten Farmer's Training & Exposure Visit are as follows:

Kota

Training

The first training was organised by Ramakrishna Shikshan Sansthan, Kota, at the State Institute of Agriculture Management (SIAM) on November 18-19, 2020. Key speakers during training were Sanjeev Sabbarwal (Agri. Specialist); Ramniwas Paliwal (Deputy Director, Agriculture), Sabbir Khan (Director, SIAM) and Umesh Naagar (Agriculture

Entrepreneur). Besides these, Rajdeep Pareek & Dharmendra Chaturvedi from the project team were also present in training.

Exposure Visit

The next day, the farmers visited Rudra Agro Biotech Farm, Sultanpur, Kota. They saw and learned the vermicomposting system and the making of Neemastra, Dashparni Ark, Brahmastra, Jeevamrit, Wast Decomposer etc. Umesh Nagar, promoter of Rudra Agro Biotech Farm, explained the importance of vermicomposting in organic farming.

Dausa

Training

The second Farmer's Training and Exposure Visit was organised at Krishi Vigyan Kendra, Dausa, with 50 selected participants of the Dausa district on November 20-21, 2020. Key speakers during training were B.L. Jat (Scientist & Head, KVK Dausa); Akshaya Chittora (SMS Animal Husbandry); Sunita Kumari (SMS Agronomy). Rajdeep Pareek & Dharmendra Chaturvedi from the project team attended training on both days.

Exposure Visit

The next day, farmers visited at Centre for Excellence for Flowers, Sawai Madhopur and Sabri Organic Farm, Manpura, Sawai Madhopur. Lakhpat Lal Meena (Deputy Director) briefed about the importance of flower cultivation through organic farming. Farmers also saw the dairy unit at the farm.

Jhalawar

Training

The Farmer's Training and Exposure Visit was organised by Samajik Vikas Sansthan at Asnawar, Jhalawar, on December 08-09, 2020. Key speakers during training were Priya Negi (Agri. Officer), Kamal Paliwaal (Agriculture officer); Kanhaiya Lal Lodha (Organic Farmer) and Tejendra (NGO Representative) and Rajdeep Pareek Programme Officer, CUTS, Jaipur were the key speakers in training.

Exposure Visit

The next day, all the participants visited Paliwaal organic farm. All the participants have visited the vermicomposting unit and learned about the making of Neemastra, Dashparni Ark, Brahmastra, Jeevamrit, Wast Decomposer, etc. They also saw the shed net house and learned how to manage high-income crops like coloured capsicum, cucumber, lettuce, etc., in the shed net house. A total of 50 participants attended the training and exposure visit. Rajdeep Pareek from CUTS, Jaipur, attended the training.

Udaipur

Training

The Farmer Training and Exposure Visit was organised at Aastha training centre, Bedla, Udaipur, on December 30-31, 2020. In this training, around 45 participants were present. Key speakers during training were Dr. Bhagwant Singh (Assistant Professor, KVK Udaipur); Mohan Dangi (Agri. Specialist); Panna Lal (organic farmer) and Rohit Jain (Secretary, Banyan Roots). Rajdeep Pareek from CUTS attended training on both days.

Exposure Visit

As part of exposure in Udaipur, farmers visited KVK, Udaipur and got benefited from seeing vermicomposting unit, organic vegetable production unit, dairy farm, poultry farm, and orchard. Dr. Bahadur Singh (SMS Agronomy) explained about work of KVK under organic farming. Singh also showcased Jeewamrit, Vermicomposting units, waste Decomposer, goat farming units, poultry unit, and Sahiwal cow unit.

Chittorgarh and Pratapgarh

Training

A combined Farmer Training and Exposure Visit was organised on January 20-21, 2021, at Badi Sadri for Chittorgarh and Pratapgarh, with around 82 participants from two districts. The resource persons were Dr. Yogesh Kanojia, (Scientist, KVK, Pratapgarh); Dr. Ratan Lal Solanki, (Scientist KVK, Chittorgarh) and many progressive farmers, which includes Gopal Sahu, Chetan Sharma, Bansilal Dhakar and Mangi Lal Janwa.

Exposure Visit

The exposure visit was organised on January 21, 2021, at the farmhouse of Gopal Sahoo at Gomana village (Choti Sadri) in Pratapgarh; and second at the farm of Mangi Lal Janwa at Bambori village (Choti Sadri) in Pratapgarh. Also, farmer's visits were made at two Compost Units established under the project at Rajpura village of Choti Sadri, Pratapgarh. During the exposure visit, farmers learned to make Jeewamrit, Vermicomposting, Vermiwash and organic vegetable cultivation. Rajdeep Pareek and Deepak Saxena attended the Training and Exposure Visits.

Bhilwara

Training

The training programme was organised on January 22-23, 2021, at Barani Agriculture Research Centre in Bhilwara with around 60 farmers as participants. S. D. Dhakar, (Chief Scientist); Ravi Kant Sharma, (Soil Scientist); L. K. Chata, (Plant Pathologist) and K. Balian, (Agronomist) from the research centre were present as subject experts. Rajdeep Pareek, Gaurav Chaturvedi and Deepak Saxena, attended training on both the days

Exposure Visit

The second day exposure visit was organised on January 23, 2021, at Gagrani organic farm at Devpuri and Nagar organic farm. Both the farm owners have received a district award from the Agriculture Department. They have the credit for adopting an integrated farming system. Farmers also saw orchards of Anola, Citrus, Green House cultivation of Cucumber and Dutch rose. They also visited the dairy unit, vermicomposting unit and organic vegetable cultivation. Rajdeep Pareek, Programme Officer, Gaurav Chaturvedi and Deepak Saxena attended training on both days.

Sawai Madhopur

Training

Farmer's Training & Exposure Visit was organised at Sawai Madhopur (January 28-29, 2021). The training on the first day was organised at Khandar block in Sawai Madhopur on January 28-29, 2021. In training, 47 farmers were present. Rajdeep Pareek, Programme Officer and Nimisha Sharma CUTS attended the training on both days. Saburam Meena (Assistant Agriculture Officer); Radheshyam (Agriculture Supervisor) and Ajit Singh Shekhawat (progressive farmer) were the key speakers in training.

Exposure Visit

The next day, participants were taken to Ajit Singh's farm in Khandaar. During the exposure visit, farmers visited orchard of Guava, Anola and Vermicomposting unit and Dairy Unit.

Jaipur

Training

The training was organised at Kisaan Bhavan, Jaipur, on February 9-10, 2021. The training was attended by around 48 participants from different blocks of the Jaipur district. Deepak Saxena, Dharmendra Chaturvedi, Nimisha Sharma, and Rajdeep Pareek from the project team were present. The resource persons were Mr. Ganga Ram Sepat (Progressive farmer); Umesh Kumawat (Iffco Kisan Sanchar Limited) and Amit Sharma (Former Supervisor Kisaan Call Centre).

Exposure Visit

The farmers visited for exposure at Khatwa Jaivik Farm, Lalsot and Harit Organic Farm, Khatwa. During the exposure visit, farmers learned to make Jeewamrit, Vermicompost, Vermiwash and organic vegetable cultivation. From CUTS, Nimisha Sharma and Rajdeep Pareek accompanied farmers and attended exposure.

Jodhpur

Training

The training was organised at Kisaan Bhavan, Jodhpur, on February 24-25, 2021. The training attended around 50 participants from different blocks of Jodhpur district. The key speakers were in training were Dr. N. R. Bamaniya (retired AD, Agriculture, Jodhpur; Dr. A. K. Sharma (Scientist CAZRI, Jodhpur); Deepak (Seward Organics). Dharmendra Chaturvedi attended training & exposure on both days.

Exposure Visit

The next day on February 25, 2021, farmers visited Madina Jaivik Krishi Farm, Dantivada, Jodhpur, Bilada, Jodhpur. Hazi Babu Khan, the farm owner, welcomed all the participants and shared his experience in organic farming. All the participants visited the vermicomposting unit, organic input making unit and intercropping system in organic farming. They also visited papaya cultivation and tea gardens by organic farming practices. Farmers visited a solar plant, where they were taught about solar pumps, drip irrigation techniques, and various other agricultural equipment. They also visited the integrated farming model developed by CAZRI at that farm.

Key Highlights/Features of the Activity: At a Glance

The events helped bring farmers and institutions on a common platform for better coordination in the future, which will ultimately help in reaping good results. There were healthy debates and discussions over myths about organic culture and financial benefits. The events also enabled participants to know some of the traditional organic farming methods, such as the formation of vermi-wash/vermicompost, herbal pesticides/insecticides and treatment of seeds and soil management, etc. Women participants showed keen interest in these events and were present in good numbers.

Outcome/Impact of the Activity

All the training workshops and exposure visits proved highly successful in participation, gender involvement, media coverage, overall conduction of the events, etc. Moreover, most participating farmers expressed their willingness to switch over to organic farming from their current mode of chemical farming.

At many places, even those farmers who were already involved in organic farming came to know about many new and traditional ways of farming, which will be helpful in organic culture. They accepted that such trainings are the first of their kind besides what KVKs have been doing for them.

Feedback from farmers indicates that over 80 percent of farmers were inspired by the events organised by CUTS and showed immense interest in starting organic farming.

Glimpses of Trainings and Exposure Visits





किसानों को जैविक खेती के बारे में दी जानकारी

जैविक आहार मेला कल

औरंगाबाद एमएसएम

औरंगाबाद। सातारा जिला मणारी गाव में 28 फरवरी, रविवार को सुबह 11 बजे से सायं 4 बजे तक सातारा जिला मणारी और सातारा जिला मणारी के जैविक आहार मेले का आयोजन किया गया।

सहज आर्थिक के क्षेत्र में किसानों को जानकारी देने के लिए सातारा जिला मणारी और सातारा जिला मणारी के जैविक आहार मेले का आयोजन किया गया।



इस प्रसंग में जैविक खेती के बारे में जानकारी दी गई। जैविक खेती का मतलब है कि खेती में कोई भी रासायनिक पदार्थ का उपयोग नहीं किया जाता। इसके बजाय किसान प्राकृतिक उपायों का उपयोग करते हैं।

प्रशिक्षण और आमुखीकरण भ्रमण

पुर्ण गाए 12 तहसील के 50 किसान

भीलवाड़ा। कटस संस्थान की ओर से दो दिवसीय जिलास्तरीय किसान प्रशिक्षण व आमुखीकरण भ्रमण का आयोजन बारानी अनुसंधान केंद्र भारजिया में किया गया।

सहायक निदेशक बताया कि कटस संस्थान में जैविक खेती के लिए प्रोत्साहन दिया जा रहा है। कटस संस्थान ने जिले के चयनित जैविक किसानों को शाहपुरा तहसील के देवपुरी और फूलिया कला में स्थित जैविक कृषि फार्म में आमुखीकरण भ्रमण करवाया।

मृदा स्वास्थ्य एवं जल प्रबंधन के विषय पर जानकारी दी। डॉ. जेके बालियान ने बीज संरक्षण के बारे में बताया। डॉ. एलके रोग प्रबंधन के बारे में बताया। कटस मानव विकास केन्द्र के कार्यक्रम सहायक गौरव चतुर्वेदी ने भीलवाड़ा में जैविक खेती के महत्व एवं जैविक उत्पादन की मांग के बारे में जानकारी दी। कटस संस्थान ने जिले के चयनित जैविक किसानों को शाहपुरा तहसील के देवपुरी और फूलिया कला में स्थित जैविक कृषि फार्म में आमुखीकरण भ्रमण करवाया।

जैविक खेती की वर्तमान समय में महती आवश्यकता : डॉ. धाकड़

भीलवाड़ा। संवाद मूज

कटस संस्थान द्वारा दो दिवसीय जिलास्तरीय किसान प्रशिक्षण व किसान आमुखीकरण भ्रमण का आयोजन बारानी अनुसंधान केंद्र, भारजिया में किया गया। प्रशिक्षण के अंश में कटस मानव विकास केन्द्र के सहायक निदेशक गौरव चतुर्वेदी ने कटस संस्थान के कार्य को जानकारी दी। उन्होंने बताया कि कटस संस्थान द्वारा मानव विकास केन्द्र के सहायक निदेशक गौरव चतुर्वेदी ने जैविक खेती को बढ़ावा देने के लिए प्रोत्साहन दिया है। डॉक्टर एस टी



जैविक खेती में कोट एकर रोग प्रबंधन पर जानकारी दी। टोपक सक्सेना, सहायक निदेशक, कटस संस्थान ने बताया कि जैविक खेती का मतलब है कि खेती में कोई भी रासायनिक पदार्थ का उपयोग नहीं किया जाता। इसके बजाय किसान प्राकृतिक उपायों का उपयोग करते हैं।

अने वाली चुनौतियां एवं कटस संस्थान में जैविक खेती के लिए प्रोत्साहन दिया जा रहा है। कटस संस्थान ने जिले के चयनित जैविक किसानों को शाहपुरा तहसील के देवपुरी और फूलिया कला में स्थित जैविक कृषि फार्म में आमुखीकरण भ्रमण करवाया।

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जैविक खेती से जमीन की उर्वरकता बनी रहती है : कैप्टन

जैविक खेती को बढ़ावा देने के लिए किसानों को किया प्रोत्साहित, जैविक कृषि फार्म पर कार्यशाला आयोजित

भास्कर न्यूज। बिलाड़ा

किसानों को जैविक खेती के लिए प्रोत्साहित करने के लिए गुरुवार को मदीना जैविक कृषि फार्म दांतीवाड़ा पर जैविक कार्यशाला का आयोजन किया गया। इस दौरान कटस इंटरनेशनल जयपुर के धर्मेन्द्र चतुर्वेदी ने किसानों को जैविक खेती के लिए प्रोत्साहित किया, साथ ही उन्होंने जैविक खेती से होने वाले लाभ और रासायनिक खेती से होने वाले नुकसान के बारे में बताया और



जैविक खेती का मतलब है कि खेती में कोई भी रासायनिक पदार्थ का उपयोग नहीं किया जाता। इसके बजाय किसान प्राकृतिक उपायों का उपयोग करते हैं।

संचालित करने को भी जानकारी दी। कैप्टन खान ने जैविक उत्पादन के लाभ के बारे में बताया और उन्होंने जैविक खेती से होने वाले लाभ और रासायनिक खेती से होने वाले नुकसान के बारे में बताया और

मृदा स्वास्थ्य एवं जल प्रबंधन के विषय पर जानकारी दी। डॉ. जेके बालियान ने बीज संरक्षण के बारे में बताया। डॉ. एलके रोग प्रबंधन के बारे में बताया। कटस मानव विकास केन्द्र के कार्यक्रम सहायक गौरव चतुर्वेदी ने भीलवाड़ा में जैविक खेती के महत्व एवं जैविक उत्पादन की मांग के बारे में जानकारी दी। कटस संस्थान ने जिले के चयनित जैविक किसानों को शाहपुरा तहसील के देवपुरी और फूलिया कला में स्थित जैविक कृषि फार्म में आमुखीकरण भ्रमण करवाया।