Academic Year 2022-23

2.5

National Hunger

2.5.1 Access to Food Security Knowledge

MRIIRS Weblink to SDG 2:

https://mriirs.edu.in/sdg02-zero-hunger/

Access to Food Security Knowledge

Goal 2.5 of the Sustainable Development Agenda addresses the genetic diversity of domesticated and wild relatives of farmed plants and animals. In order to maintain genetic variety effectively, seed and plant banks are essential. One of these strategies needs to be in situ genetic resource management. SDG 2.5's remaining goals are related to getting access to these resources, participating in the rewards of using them, and applying related traditional knowledge. **MRIIRS provide platform to the farmers to speak and discuss their problem, queries with experts from the field of agriculture and nutrition by the medium of conferences and seminar**. The details of the following are provided below:

A. Sample events as organized by MRIIRS for farmers
B. Report of Tricho Agronica Pvt. Ltd.– Bioformulation on Project titled A Novel Eco-friendly Solution Against Fungal Pathogens in Tomato

A. Events Organized for Farmers:

1. **National Conference On "Emerging Technologies and Enabling Tools For Eco-Friendly Management Of Diseases In Medicinal & Aromatic Plants" (EEEDMAP 2022): Access to food security/ sustainable agriculture**

Department of Biotechnology and MR Centre For Medicinal Plant Pathology (MR-CMPP) FET, Manav Rachna International Institute of Research and Studies organized a two-day National Conference on **"Emerging Technologies and Enabling Tools for Eco-Friendly Management of Diseases in Medicinal & Aromatic Plants"** (EEEDMAP 2022) which was supported by the National Medicinal Plants Board (NMPB), Ministry of AYUSH, Government of India (GOI). **The conference was attended by students, faculty members, local farmers** and participants from all over India, viz CSIR-NIScPR, Pusa, University of Patanjali, Haridwar, University of Delhi, Delhi, Banasthali Vidhyapeeth, Madurai Kamraj University, Tamil Nadu, JNV University, Jodhpur, UPES, Dehradun, MIT, Pune, JP Institute of Technology, Noida, JECRC University, Jaipur, Shoolini University, Solan, HP, Banaras Hindu University, Banaras, GGSIP University, Delhi, and MDU, Rohtak.

The inaugural session was graced by the Chief Guest Dr. Chandrashekhar Sanwal, Deputy CEO, IFS, NMPB, Ministry of AYUSH, GOI. The ceremony also witnessed the presence of Hon'ble Keynote Speaker, Prof. P.C. Trivedi, Former Vice Chancellor- 5 Universities; Dr Sanjay Srivastava, Vice Chancellor, MRIIRS; Dr. Pradeep Kumar, Pro-Vice Chancellor and Dean, Faculty of Engineering and Technology; Mr. R. K Arora, Registrar MRIIRS. Prof. (Dr.) Nidhi Didwania , Convener, highlighted the objective of the conference "Health of Healthy Plants".

Prof. P.C. Trivedi gave an insight about the phytodiversity and talked about the Eco-Friendly Management of Diseases of Medicinal & Aromatic Plants. This was followed by two sessions which were conducted by Dr. A N Shukla, Scientist E, Biodiversity Division of the Ministry of Environment, Forest and Climate Change (MoEF & CC), New Delhi; Dr. Jeetendra Kumar Vaishya, Research Officer (Medicinal Plants / Agronomy), National Medicinal Plants Board, Ministry of AYUSH, Government of India, Mr. Sameer Kant Ahuja, Chief Manager, Regulatory Multani Pharmaceuticals Ltd. and Mrs. Reeva Sood, Director, Tanishka Herbals.

On the second day, the progressive farmers from Faridabad & Palwal, Mr. Bijendra Singh Dalal & team participated in the conference with full enthusiasm and were interested in cultivation of Medicinal Plants with the support of MR-CMPP, MRIIRS and NMPB. This was followed by a lecture session (invited talk)

by Eminent Scientist, Professor N K Dubey, Head, Department of Botany, Faculty of Science, Banaras Hindu University, Varanasi. He delivered an exceptional talk in which he emphasized the importance of botanical pesticides with reference to the origin of mycotoxin and how nature had played the role of doctor in the absence of advancement in the past.

Following this Dr. A. A. Ansari, Former Scientist E, Botanical Survey of India (BSI), famously known as the "Crotolaria Man", delivered a detailed overview on plant pathogens on different species of medicinal plants.

Dr. Jeetendra Vaishya, National Medicinal Plants Board (NMPB) highlighted the following recommendations made by the participants: Strategies should be in place for the post-harvest management of the medicinal plant produce; Need of inventorization and taxonomic identification of biodiversity in the Aravalli ranges for conservation of Medicinal Plants; and Special attention is to be made to the utilization of resources (agro-economics) whereby farmers should be made aware of the expensive medicinal plants so that they may expand their cultivation.

NMPB supported the recommendations and agreed to extend full support for carrying out research and extension activities in the newly established Manav Rachna Centre for Medicinal Plant Pathology (MR-CMPP). The proposed conference provided a platform to discuss and provide a framework for the conservation and sustainable use of Medicinal & Aromatic plants.

Participation of farmers and agricultural experts in National Conference

हिन्दुस्तान अब तक

Faridabad NCR | Haryana | Hindustan ab tak special

मानव रचना ने "औषधीय और सुगंधित पौधों में रोगों के इको-फ्रेंडली प्रबंधन के लिए इमर्जिंग टेक्नोलॉजीज एंड इनेबलिंग टूल्स" पर राष्ट्रीय सम्मेलन का किया आयोजन

By **Dinesh Bhardwaj** - October 3, 2022 115 0

Faridabad Hindustan ab tak/Dinesh Bhardwaj : 3 अक्टूबर। डिपार्टमेंट ऑफ बायोटेक्नोलॉजी एंड एमआर सेंटर फॉर मेडिसिनल प्लांट पैथोलॉजी (एमआर – सीएमपीपी), फैकल्टी ऑफ इंजीनियरिंग एंड टेक्नोलॉजी, मानव रचना इंटरनेशनल

सर्वप्रिय भारत

Home >

मानव रचना ने "औषधीय और सुगंधित पौधों में रोगों के इको-फ्रेंडली प्रबंधन के लिए इमर्जिंग टेक्नोलॉजीज एंड इनेबलिंग टूल्स" पर राष्ट्रीय सम्मेलन का आयोजन किया

By **Spbharat** — On **Oct 3, 2022**

https://manavrachna.edu.in/paryavaran/2020/02/01/international-conference-on-environmental-challenges-and-solutions-receives-enthusiastic-participation-from-thousands/

2. **Distribution of Hybrid Bajra Seeds to Local Farmers at Pali, Faridabad on 23rd May 2023 at Pali and Mohtabad Villages, Faridabad**

The distribution of hybrid bajra seeds to local farmers in Pali, Faridabad, was a successful event that aimed to enhance agricultural productivity and promote sustainable farming practices. The positive feedback received from the participating farmers indicates the potential for increased yields and improved livelihoods in the region. However, it is essential to address the challenges faced and continuously support farmers in adopting modern agricultural techniques.

Organized By: MRCMPP & MRCAWTM, MRIIRS

1. The distribution event was held on *23rd May 2023* in Pali and Mohtabad villages, Faridabad. The choice of the venue ensured accessibility for a large number of local farmers.
2. The event saw the participation of approximately 100 local farmers from the Pali region, along with MRCMPP & MRCAWTM team members and volunteers. (Dr. Nidhi Didwania, Dr. A Mukherjee, Ms. Sneha Rai and Atal Bhujal Yojna team)
3. **Objectives:** The primary objectives of the distribution event were:
    - To provide local farmers with high-quality hybrid bajra seeds.
    - To educate farmers on the benefits of hybrid seeds in terms of yield and disease resistance.
    - To promote sustainable agricultural practices and crop diversification.
4. **Distribution Process:** The distribution process was well-organized and followed these steps:
    - Registration: Farmers were registered upon arrival, and their details were recorded for future reference.

- Seed Distribution: Each registered farmer received a specified quantity of hybrid bajra seeds based on their landholding and requirements.
- Training and Information: Before the distribution, an informative session was conducted to educate farmers about the advantages of hybrid seeds, proper planting techniques, and crop management practices.
- Q&A Session: A question-and-answer session followed the training to address any queries and concerns from the farmers.

Seed Distribution Statistics:

- Total number of farmers who received seeds: [Total Number of Beneficiary Farmers]
- Total quantity of hybrid bajra seeds distributed: [Total Quantity in kg or bags]
- Average landholding per farmer: [Average Landholding in acres/hectares]
- Quantity of seeds distributed per farmer: [Quantity per Farmer in kg or bags]

Feedback and Impact:

Feedback from the participating farmers was overwhelmingly positive. They expressed appreciation for the initiative and the valuable knowledge shared during the training session. Farmers were enthusiastic about implementing the best practices discussed and expected higher yields in the upcoming harvest season.

Conclusion:

The distribution of hybrid bajra seeds to local farmers in Pali, Faridabad, was a successful event that aimed to enhance agricultural productivity and promote sustainable farming practices. The positive feedback received from the participating farmers indicates the potential for increased yields and improved livelihoods in the region. However, it is essential to address the challenges faced and continuously support farmers in adopting modern agricultural techniques.

This report serves as a record of the distribution event's activities and outcomes and will be valuable for planning future agricultural initiatives in the region.

SDG- 2 ZERO HUNGER

MANAV RACHNA
Vidyanatarikshal

3. **Field visit for disease identification and management in tomato at Aurangabad, Palwal on 19th January 2023**

A field visit was conducted on 19 January, 2023, in Aurangabad, Palwal, with the primary objective of identifying and managing diseases in tomato crops. The visit aimed to assess the prevailing disease situation in tomato fields and provide recommendations for effective disease management to improve crop yield and quality.

Participants:

- Local Farmers and Tomato Growers

Field Observations:

1. **Location and Climate:** Aurangabad, Palwal, is characterized by a subtropical climate, which is conducive to tomato cultivation. The region has experienced

consistent rainfall in the past few weeks, creating favorable conditions for diseases.

2. **Crop Stage:** The tomato crops observed during the field visit were in various growth stages, from seedlings to mature fruit-bearing plants.

3. **Disease Symptoms:**

- **Early Blight (*Alternaria solani*):** Early blight symptoms were prevalent, characterized by circular brown lesions with dark concentric rings on the lower leaves of the tomato plants.

- **Late Blight (*Phytophthora infestans*):** Symptoms of late blight, including water-soaked lesions on leaves, stem, and fruits, were observed in some fields.

- **Bacterial Spot (*Xanthomonas campestris pv. vesicatoria*):** Bacterial spot symptoms included small, dark, raised lesions with a water-soaked appearance on leaves and fruits.

- **Tomato Yellow Leaf Curl Virus (TYLCV):** Some plants exhibited symptoms of TYLCV, including yellowing and curling of leaves.

4. **Cultural Practices:**

- Crop rotation was not consistently practiced, contributing to disease build up in some fields.

- Limited spacing between plants was observed, leading to poor air circulation and increased disease pressure.

Recommendations:

1. **Biofungicide and Bactericide Application:** Farmers should apply appropriate biofungicides and bactericides following recommended dosage and schedules to manage early blight, late blight, and bacterial spot. Consultation with MRCMPP is advised for product selection and application guidelines.

2. **Sanitation:** Remove and destroy infected plant debris to reduce disease inoculum. Proper sanitation practices can help minimize disease spread.
3. **Crop Rotation:** Encourage farmers to practice crop rotation to break disease cycles. Avoid planting tomatoes in the same field consecutively.
4. **Spacing:** Maintain adequate spacing between tomato plants to ensure better air circulation and reduce humidity, which can minimize disease incidence.
5. **Virus Management:** For TYLCV, control the vector (whiteflies) through bioinsecticide applications and the use of reflective mulch. Resistant tomato varieties may also be considered.
6. **Training and Awareness:** Conduct training sessions for local farmers on disease identification, prevention, and management practices to enhance their knowledge and skills.
7. **Regular Monitoring:** Farmers should regularly monitor their fields for disease symptoms and take timely action to prevent disease outbreaks.

Conclusion: The field visit to Aurangabad, Palwal, highlighted the presence of several tomato diseases, including early blight, late blight, bacterial spot, and TYLCV. Effective disease management strategies, such as timely application of fungicides and bactericides, crop rotation, proper spacing, and sanitation, are essential to mitigate the impact of these diseases on tomato crops. Furthermore, farmer education and awareness programs are crucial for long-term disease management and sustainable tomato cultivation in the region.

4. **Good Agriculture Practices of Voluntary Certification Scheme for Medicinal Plant Produce**

Manav Rachna Centre For Medicinal Plant Pathology (MRCMPP), Department of Biotechnology, MRIIRS jointly with Quality Council of India (QCI) organised One-day GAP training workshop on Voluntary Certification Scheme for Medicinal Plants produce (VCSMPP) for farmers on 19 November 2022. Medicinal plants, being the raw material for AYUSH medicines, account for around 90% of AYUSH formulations, which practically implies that the sustainability of the AYUSH traditional medicinal system is based on the degree of care with which medicinal plants are handled. Medicinal plants are at the core of providing livelihood and health security to a large segment of the Indian population associated with the traditional medicine and herbal industry.

A total of 43 progressive farmers from Faridabad, Palwal, and Gurugram districts of Haryana either growing Medicinal Plants or interested to start Medicinal Plants cultivation participated in the workshop with full enthusiasm. The farmers were encouraged to form a Farmer Producer Organization (FPO). The inaugural session was

followed by technical sessions from the experts of QCI, MRCMPP and MRCAWTM. The farmers were sensitized regarding Good Agricultural practices, Post-harvest conservation and improvement of quality of Medicinal Plant Produce, Management of diseases caused by fungi, bacteria & viruses in Medicinal Plants & Voluntary Certification Scheme for Medicinal Plant Produce through capacity building. QCI invited the farmers (FPO) for free certification of demo plots of Medicinal plants which can help farmers to have better opportunities in the market and help increase their income. Shri Mahaveer Malik also shared his experience of selecting the sustainable spp. of Medicinal Plants for agro-climatic zone of Haryana.

Progressive farmer Shri Bijendra Singh Dalal & team highly appreciated the efforts by MR-CMPP, Manav Rachna International Institute of Research & Studies in providing a platform to farmers to discuss about good agricultural practices of Medicinal Plants and solving their queries.

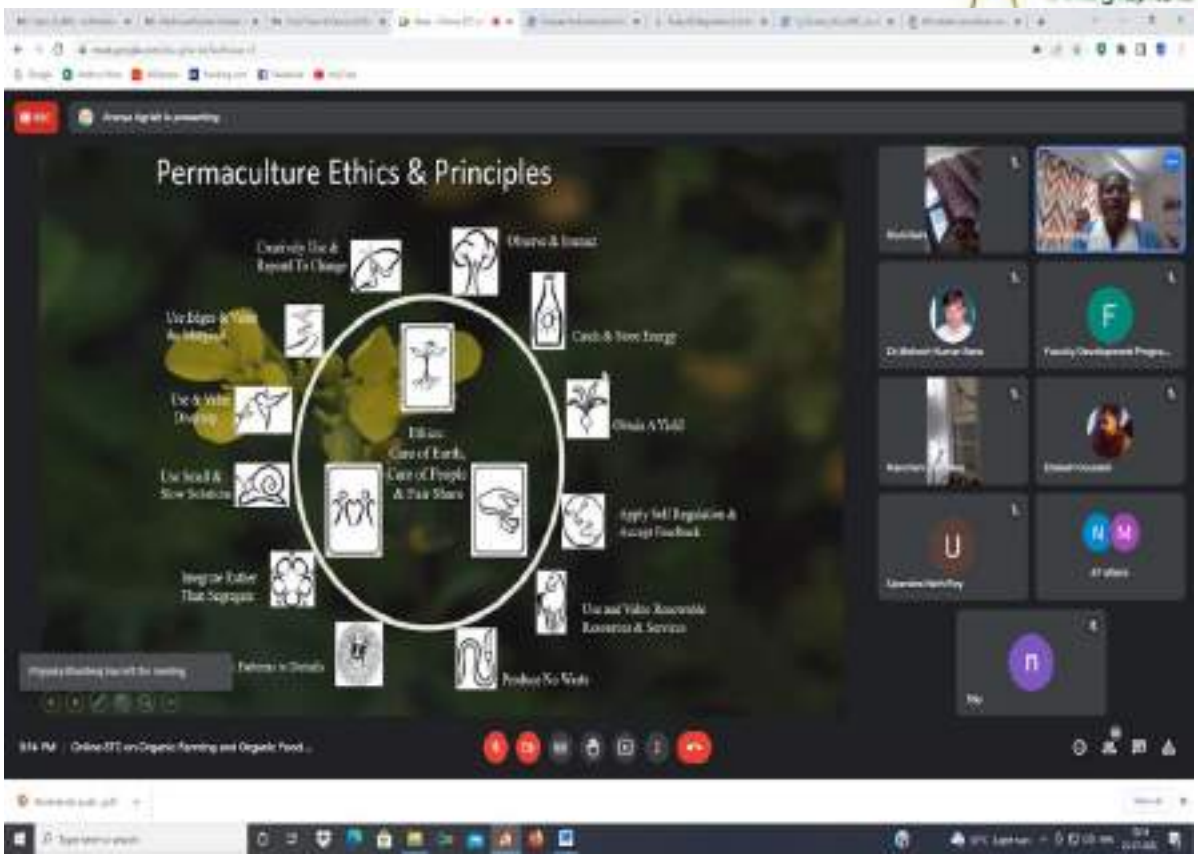
SDG- 2 ZERO HUNGER

5. **FDP on Organic Farming and Food Marketing**

A Five days' faculty development program on "Organic Farming and Food Marketing" in association with NITTR, Chandigarh was organized by Department of Biotechnology, Faculty of Engineering & Technology, MRIIRS from 25-29 July, 2022. The target audience for the FDP were faculty members of MRIIRS. **The aim of the FDP was to provide opportunities to educate the young as well as senior faculty members about the Organic Farming so that further they can impart the knowledge to the farmers through awareness sessions.** The week-long FDP covered various topics and challenges related to Organic Farming. The FDP started with a discussion on the history of farming where Rishi farming, traditional farming (using cow dung/compost), natural farming (proposed by Masanobu Fukuoka). Natural farming (one straw revolution) was highlighted, which was based on four principles which were no tillage, no fertilizers, no weeding and no chemicals.

SDG- 2 ZERO HUNGER

MANAV RACHNA
Vidyaparikshat



6. Manav Rachna Centre for Medicinal Plant Pathology (MR-CMPP)

Quality Council of India (QCI) (established by the Government of India) shown interest with Manav Rachna Centre For Medicinal Plant Pathology (MR-CMPP) for sponsored collaborative research under Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP)**.** This also has a reference from the State Medicinal Plants Board (SMPB), Haryana.

They intend to have a partnership comprising the following 4 aspects:

1. Experts to develop packages of practices for cultivation and collection of the various medicinal plant species

2. Certification of Demo Plots (Group certification) for medicinal plants growers, collectors, and areas.

3.**Training and sensitization workshops for producers**, consumers, Government Departments, State Forest Department officers etc.

4. One day Training program (Workshop) on GAP or GFCP of Medicinal Plants

Under this collaboration a capacity building cum sensitization training under the Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP) is scheduled in Manav Rachna International Institute of Research and Studies on 19th November 2022 One (1) day training program (Workshop) on GAP or GFCP for Medicinal Plant and caters to 50 farmers (majorly) from NCR Haryana.

https://manavrachna.edu.in/manav-rachna-centre-for-medicinal-plant-pathology/

7. Manav Rachna Start-up Initiatives for Sustainable Agriculture And Support Farmers

https://manavrachna.edu.in/newgeniedc/ongoing-startups/#:~:text=Tricho%20Agronica%20Pvt.&text=Tricho%20Agronica%20Pvt%20Ltd%2C%20the,to%20Land%2D%20an%20ecofriendly%20approach.

https://www.educationworld.in/mriu-incubated-start-up-tricho-agronica-receives-rs-172-cr-grant-from-indian-oil/

M/s Tricho Agronica Pvt. Ltd

In the recent years there has been a heart warming paradigm shift of demographics in the Indian corporate landscape and the country has witnessed a titanic surge in the number of women entering the economic wave. M/s Tricho Agronica Pvt Ltd, Department of Biotechnology, Faculty of Engineering & Technology, MRIIRS is the Start-Up company have all women team members as stake holders. The Start-Up has received a grant of Rs 172 lacs under Indian Oil Startup Scheme (IOSUS), a "Start-up India" initiative that aims to support innovative ideas that have significant business potential, social relevance and/or are focused on environment protection. Further, such validated PoCs may be supported for commercialization through equity participation. The vision of the company is to provide Lab to Land- an eco-friendly approach. It aims to promote, develop and provide eco friendly products and technologies in safer, cost effective and sustainable manner. The mission of the company involves an eco friendly approach for sustainable agriculture understanding the nature of market, farmer"s aspirations and providing appropriate solution to them through organic farming keeping in mind the environment and health issues. Injudicious and long period utilization of synthetic agrochemicals in agriculture has led to toxic pesticide residues, appearance of pests, resistance and resurgence,

environmental contaminations, negative impacts on human health and non-target organisms thus, leading to pernicious effects on food chain of the ecosystem. This has forced the researchers and pesticide industries to shift their focus to more reliable, sustainable and eco-friendly products. Bio formulations are a potential alternative to currently used agrochemicals and the need of the hour. The global biopesticides market was worth US$3.3 billion in 2017 and the opportunity in the market is projected to surge to a valuation of US$9.5 billion by 2025. The market is anticipated to rise at an impressive CAGR of 13.9% during the forecast period 2017–2025. Keeping these perspectives in view the company has designed its first bio formulation product „Bio elixir“ which is a remedy for bull“s eye pathogen at low cost. The synergistic effect of the bio elixir constituents has the capability to increase systemic resistance in plants by increasing photosynthesis process in plants. It is the bio fertilizer and a bio fungicide organic formulation which is available in the powder form. It is a non-chemical based formulation to reduce disease of tomato plant combining with features for enhancing soil structure and fertility, maintaining soil biological activities and promoting plant growth & biomass. The farmers will be highly benefited as it is very effective against those Alternaria isolates which has developed resistance against chemical fungicides. This will not only promote biodynamic agriculture but will also encourage eco-friendly sustainable lifestyle. M/s Tricho Agronica Pvt. Ltd. stands in spirit to this endeavor and is also committed for consolidating efforts towards improving crop productivity leading to food security with enhanced organic footprints.

SDG- 2 ZERO HUNGER

MANAV RACHNA
Vidyanatarikshal

Crop Cycle

Crop cycle at BCKV, Kalyani

Crop cycle at SKUAST, Srinagar

Appreciation given by Sh. Atul Kothari, Secretary, Shiksha Sanskriti Uttan Nyas, New Delhi and Sh. Subodh Bishnoi Ji, S K Rajasthan Agricultural University, Agriculture Research Station, Ganganagar

Exhibited Tricho Agronica Pvt. Ltd. at IASE University (Institute of Advanced Studies in Education) in Sadar Sahar, Rajasthan.

Voluntary Certification Scheme for Medicinal Plants Produce (VCSMPP)

One-day GAP Training Workshop

Facilitated by

Manav Rachna Centre For Medicinal Plant Pathology (MRCMPP)

Department of Biotechnology, MRIIRS

on 19th November 2022

Venue - Manav Rachna Centre For Medicinal Plant Pathology,
Sector-43, Aravali Hills, Delhi-Surajkund Road,
Faridabad -121001 (Haryana) INDIA

Manav Rachna International Institute of Research and Studies

(Deemed to be University under section 3 of the UGC act, 1956)

Post Event Report Submission

<table>
<tr><td>Title of the Program</td><td>"One Day Training Workshop on Good Agriculture Practices of Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP)"</td></tr>
<tr><td>Type of the Program
(Please specify if this is an FDP/STC/STTP/Orientation Program/Awareness Program/Workshop/Conference/ Symposium/Conclave/Webinar/ Seminar/Expert Talk/Student Enrichment Program/Alumni Connect Program/ Quality Program/Collaborative Activity etc.)</td><td>Workshop</td></tr>
<tr><td>Level of the Program
(International/National/ Regional/ University/ Departmental etc)</td><td>Regional</td></tr>
<tr><td>Organized/Conducted by</td><td>Manav Rachna Centre For Medicinal Plant Pathology (MRCMPP), Department of Biotechnology,MRIIRS</td></tr>
<tr><td>Collaborative Institution/ University/ Industry, if any</td><td>Quality Council of India, GOI</td></tr>
<tr><td>Target Audiences</td><td>Local Farmers</td></tr>
<tr><td>Date(s) of conduct</td><td>19th November 2022</td></tr>
<tr><td>Duration of the Program</td><td>One Day</td></tr>
<tr><td>No. of Participants Registered/ Attended</td><td>
<table>
<tr><th>No. of</th><th>Registered</th><th>Attended</th></tr>
<tr><td>Faculty members (Internal)</td><td>5</td><td>5</td></tr>
<tr><td>Faculty members (External)</td><td>0</td><td>0</td></tr>
<tr><td>Staff members (Internal)</td><td>0</td><td>0</td></tr>
<tr><td>Staff members (External)</td><td>2</td><td>2</td></tr>
<tr><td>Farmers</td><td>32</td><td>32</td></tr>
<tr><td>Students</td><td>5</td><td>5</td></tr>
</table>
</td></tr>
<tr><td>Resource Person(s) with designation</td><td>Dr. Rajeev Kumar Sharma (Retd. Director, PLIM),</td></tr>
</table>

and affiliation	Dr. S. S. Koranga (Former Consultant, NMPB)& Dr. Arul Jason, Associate Manager, QCI
Mode of Conduct (Online/Offline)	Offline
Venue, if offline	Seminar Hall (AT-15-16), Block A, Department of Biotechnology, SET, MRIIRS
Platform details, if online (with meeting link/code)	
Outcomes of the Program (Mention in Bullets)	• Farmers gained knowledge about the Good Agricultural Practices (GAP). • Farmers were educated by expert on packaging, transportation and storage of medicinal plants.
Checklist for submission	

Brochure	YES	Invitation Circular/ Invite email	YES
Communications to Resource Person(s)	YES	Detailed Report of the event with cover letter	YES
Geotagged Pictures	YES	Attendance Sheet	YES
Sample Filled and Unfilled Feedback Forms	YES	Feedback Analysis	NA
Sample Certificate		Any other enclosure	

Compiled by:

Nidhi Dadwal 20/11/22

(Name and signatures of Event Coordinator with Date)

Reviewed and endorsed by:

Abhilasha 20.11.2022

(Name and signatures with Date)

(Dr. Abhilasha Sharma)

Prof - BT, SET, MRIIRS

A Report on

One Day Training Workshop on

Good Agriculture Practices of

Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP)

(19th November, 2022)

Organized by

Manav Rachna Centre For Medicinal Plant Pathology (MR-CMPP)

&

Dept. of Biotechnology, FET, MRIIRS

Supported by

Quality Council of India, New Delhi

Manav Rachna Centre For Medicinal Plant Pathology (MRCMPP), Department of Biotechnology, MRIIRS jointly with Quality Council of India (QCI) organised One-day GAP training workshop on Voluntary Certification Scheme for Medicinal Plants produce (VCSMPP) for farmers on 19 November 2022.

Medicinal plants, being the raw material for AYUSH medicines, account for around 90% of AYUSH formulations, which practically implies that the sustainability of the AYUSH traditional medicinal system is based on the degree of care with which medicinal plants are handled. Medicinal plants are at the core of providing livelihood and health security to a large segment of the Indian population associated with the traditional medicine and herbal industry.

Inaugural Session was graced by Dr. Pradeep Kumar, Pro-vice Chancellor and Dean, Faculty of Engineering and Technology, Dr. Sarita Sachdeva, ED & Dean Research, Dr. Geeta Nijhawan, Associate Dean FET, Dr. Tapas Kumar Associate Dean FET, Dr. Arul Jason, Associate Manager, QCI, Dr. Rajeev Kumar Sharma (Retd. Director, PLIM) & Dr. S. S. Koranga (Former Consultant, NMPB), Dr. Arunangshu Mukherjee, Director, MR-CAWTM Dr. Manu Solanki, Head, Department of Biotechnology and Dr. Nidhi Didwania, Director, MR-CMPP.

43 progressive farmers from Faridabad, Palwal, and Gurugram districts of Haryana either growing Medicinal Plants or interested to start Medicinal Plants cultivation participated in the workshop with full enthusiasm. The farmers were encouraged to form a Farmer Producer Organization(FPO). The inaugural session was followed by technical sessions from the experts of QCI, MRCMPP and MRCAWTM. The farmers were sensitized regarding Good Agricultural practices, Post-harvest conservation and improvement of quality of Medicinal Plant Produce, Management of diseases caused by fungi, bacteria & viruses in Medicinal Plants & Voluntary Certification Scheme for Medicinal Plant Produce through capacity building. QCI invited the farmers (FPO) for free certification of demo plots of Medicinal plants which can help farmers to have better opportunities in the market and help increase

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Progressive farmer Shri Bijendra Singh Dalal & team highly appreciated the efforts by MR-CMPP, Manav Rachna International Institute of Research & Studies in providing a platform to farmers to discuss about good agricultural practices of Medicinal Plants and solving their queries.

Block-A, F72M+CFW, Suraj Kund Badkhal Rd, Gadakhor Basti Village, Rocky Area,
19 Nov 2022 11:11 AM

broken clouds
21.0 °C

Google

F72M+FGC, Gadakhor Basti Village, Sector 43, Faridabad, Haryana 121003, India

19 Nov 2022 11:02 AM

broken clouds

21.0 °C

Report on:

Good Agricultural Practices of Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP)

WORKSHOP HELD ON 19.11.2022 AT MRIIRS, FARIDABAD

ORGANIZED BY:

Manav Rachna Centre For Medicinal Plant Pathology (MRCMPP), Department of Biotechnology, Faculty of Engineering and Technology, MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES, FARIDABAD (DEEMED TO BE UNIVERSITY) & Quality Council of India (QCL)

E-MAIL ID: director.mrcmpp@mriu.edu.in

November 2022

From Prgatisheel Kisan Club Distt. Palwal Faridabad

List of 50 Pragressive Farmer's from Pragatisheel Kisan Club Distt Palwal and Faridabad who are interested in Medicinal Farming

S.No.	Name	Village	Mobile No.
1.	Bijender Singh Dalal	Village Kithwari	9416103573
2.	Ramesh Chand	Gopalgarh	9416448953
3.	Laxman Singh Nambardar	Chandpur	9050311760
4.	Sukhbir	Ghori	9991873193
5.	Durga Parshad	Dhatir	8059751140
6.	Om Parkash	Badoli	9416973882
7.	Udal Singh	Alawalpur	999168727
8.	Jawahar Singh	Kithwari	9813937892
9.	Bijan Singh	Nangal Jat	9255588631
10.	Bijan Singh	Nangal Jat	9255588631
11.	Shayam Dutt	Dadota	9813625387
12.	Mahesh Kumar	Manpur	9728913902
13.	Manoj Kumar	Chirawata	
14.	Bijender Singh	Bharatgarh	9671583951
15.	Surender Kant	Mohna	9671661339
16.	Master Ramji Lal	Nangal Jat	9813938124
17.	Manoj Kumar	Ghori	9215015021
18.	Dharam Pal	Ghori	9813131330
19.	Mahabir Singh Maik	Dighot	9813810203
20.	Dhor Singh	Kondal	9466512085
21.	Bal Ram	Kulena	9466512085
22.	Har Pal	Chandhat	9996209045
23.	Ranbir Singh	Sahadpur	9467736634
24.	Raj Pal	Rindhka	9050360158
25.	Ombir Singh	Badha	9671212214
26.	Manoj	Kithwari	9050232334
27.	Rakesh	Kithwari	
28.	Brahamdutt	Agwanpur	8901412141
29.	Dev Rattan Chauhan	Chhajjunagar	9050741250
30.	Braham dutt	Agwanpur	8901412141
31.	Mahender	Ghori	9991649430
32.	Dharam Pal	Aurangabad	8818040126
33.	Sunil Bisha	Dayalpur	9313609030
34.	Budh Singh	Gopalgarh	9467213916
35.	Satish Kumar	Sewli	9050816225

S.No.	Name	Village	Mobile No.
36.	Mahender	Lohina	8816991606
37.	Jagdish	Badha	9717520444
38.	Shiv Ram	Badha	9813657041
39.	Ranbir	Aharwan	9416455333
40.	Ranbir	Badha	8053318232
41.	Rakesh Chauhan	Aurangabad	7988331419
42.	Dipesh Chauhan	Aurangabad	8447561723
43.	Nepal Singh	Dhatir	9991451919
44.	Dinesh Kumar	Maholi	9813528434
45.	Rewati Saini	Palwal	
46.	Suraj Singh	Bahadurpur	9891371124
47.	Kuldeep Kaushik	Bahadurpur	9312556600
48.	Jasbir	Bahadurpur	9540390691
49.	Kuldeep	Badha	9813888080
50.	Lakhan Lal	Vijai Garh	8059046595
51.	Ashok	Nangal Jat	9813746327
52.	Udai	Badha	9813888080
53.	Jamil Ahmed	Mohru Ka Nangla	9813786425
54.	Mukesh Bhati	Arua	9971490180
55.	Mahender Sharma	Nangla Arua	9050173285

CERTIFICATE OF PARTICIPATION

QCI
Creating an Ecosystem for Quality

This is to certify that

.....

of

.....

has participated in the

Capacity Building cum Sensitization Workshop

on

Voluntary Certification Scheme for Medicinal Plant Produce

held on..... in .....India

Certificate No : QCI/PADD/VCSMPP/Cert./_____

(Partner Organisation/
Course Co-ordinator)

Quality Council of India, 2nd Floor, Institution of Engineers Building, 2, Bahadur Shah Zafar Marg, New Delhi - 110002

Dr. Manish Pande
(Director & HOD-PAD Division)

MR CENTRE FOR MEDICINAL PLANT PATHOLOGY (MR-CMPP) & DEPARTMENT OF BIOTECHNOLOGY

One Day Training Workshop on
Good Agriculture Practices of
Voluntary Certification Scheme for Medicinal Plant Produce (VCSMPP)

19-Nov-22

Attendance Sheet

S. No	Name	Address	Contact No	Email ID	Signature
1	Durga Parshad	V.P.O Palwal Dhelir	8059751140		
2.	Dhoor Singh	V.P.O Kondal Palwal	9466512085		
3	Raj Pal Singh	Kondlka	9053601158		
4	Laxman Sharma	Chandiyas	9050311760		
5	युधिष्ठिर	[illegible]	9671412876		
6	विजयसिंह	[illegible]	9813937842		
7	युधिष्ठिर	[illegible]	9728414253		
8	[illegible]	[illegible]	8814926342		
9	[illegible]	[illegible]	9255588631		
10	[illegible]	[illegible]	9254863055		

11	[illegible]	[illegible]	[illegible]		[illegible]
12	[illegible]	[illegible]	[illegible]		[illegible]
13	[illegible]	किठवाड़ी पलवल	[illegible]		मनीराम
14	शमशेरसिंह	किठवाड़ी पलवल	95186 66095		शमशेरसिंह
15	जसराम	किठवाड़ी पलवल	981330 4551		जसराम
16	मनोज दलाल	किठवाड़ी पलवल	9050232334		[illegible]
17	[illegible]	[illegible] पलवल	9588380139		
18	[illegible]	[illegible] पलवल	9671212214		
19	[illegible]	[illegible]	9813257115		
20	[illegible]	[illegible]	9812006125		
21	शिवदत्त शर्मा	डाढौता	9050069017		Shiv[illegible]
22	[illegible]	[illegible] पलवल	9996984119		[illegible]
23	[illegible]	[illegible]	8059046595		
24	[illegible]	[illegible]	9350199302		[illegible]
25	कुलदीप सिंह	[illegible]	9813888080		[illegible]
26	JAGAT DALAL	Kithwari Palwal	9991368833		Jagat Dalal

29	Mahendra Dabhade	VPO-GHORI Palwal	9991604430	mdabhade67@gmail.com	[illegible]
30	[illegible]	V.P.O Gopalgarh Palwal	9416448453		[illegible]
31	Mahavir Singh Mahl	V & P.O Dighot Palwal	9813810203		[illegible]
	DHOJRSINGH	V. &			
32	[illegible]	Palwal	8708874487		Amon. 12 [illegible]

MANAV RACHNA
vidyapeeth

Manav Rachna International Institute of Research and Studies
Manav Rachna Centre for Medicinal Plant Pathology(MRCMPP)
Survey Form-1

किसान का नाम और पता:
रमेश चौहान - गांव - मीयाला तह. हथीन
जि० पलवल (हरियाणा)

आप किन औषधीय पौधों की खेती करते हैं? तुलसी, लेमन, मैथा (पीपरमेंट)

आप अधिकतर किस प्रकार के पौधों के रोग देखते हैं?
रस चूसक, पत्ता खाने वाले, [illegible]

आप किन सावधानियों और रसायनों का उपयोग पौधों का इलाज करने के लिए करते हैं?
गोबर खाद, नीम पत्ता, गिलोय, गौमूत्र आदि

उन उपचारों की कीमत क्या है?
रसायन व दवाइयां तो 10% तक महंगी

बीमारी का शुरुआती चरण में ही पता लगाने के लिए ऐप का इस्तेमाल करेंगे ?

MANAV RACHNA
Vidyaparkarikshan

QUALITY COUNCIL OF INDIA
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Manav Rachna International Institute of Research and Studies
Manav Rachna Centre for Medicinal Plant Pathology(MRCMPP)
Survey Form-2

1. मेडप्लांट-देखभाल ऐप (MedPlant Care APP) का उपयोग करना आसान है?
   - येस
   - नो
2. क्या आपको लगता है कि इससे उपज की गुणवत्ता में सुधार करने में मदद मिलेगी?
   - येस
   - नो
3. क्या आप भविष्य में अपने क्षेत्र में बीमारियों का पता लगाने के लिए इस ऐप का उपयोग करेंगे?
   - येस
   - नो
4. क्या आप सदस्यता लेंगे या इसे केवल मुफ्त में इस्तेमाल करना चाहेंगे?
   - येस
   - नो
5. क्या हमारा ऐप सही भविष्यवाणी कर रहा है?
   - येस
   - नो
6. क्या आप हमारे ऐप को दूसरों को सुझाएंगे?
   - येस
   - नो
7. आपको क्या पसंद आया सबसे ज्यादा हमारे ऐप में?

8. एनी सजेशन

Ramesh Kumar

किसान का नाम और पता :