



AMITY UNIVERSITY
— **UTTAR PRADESH** —

University Initiatives for providing events for local farmers and food producers to connect and transfer knowledge

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Training-1A: FARMERS TRAINING PROGRAM

One Day Training Program For 40th Farmer's

Organized By:- Amity Food And Agriculture Foundation Lucknow Campus.

Funded By:- National Bank For Agriculture And Rural Development (NABARD).

Date:- 30th March 2022

Venue:- Sabhagaar, Cooperative bank main branch, Barabanki.

Program Details

- **Farmers Registration Time:-** 11am to 12pm

Registration of all farmers' by **Pradumn Verma (Field Assistant)**.

In this program farmers came from about fifteen villages like Lalupur, Parakuver, Taahipur, Sirouli kalan, Daulatpur, Harakh etc.

- Welcoming the chief guest And Address by **Dr. Shalini Singh Vishen, (Director AFAF Lko)**.

- **Time:-**12pm to 12:15pm

Talk by PI **Dr. Shalini Singh Visen (Director of Amity Food and Agriculture Foundation)**

Provided training to all the farmer's

In which all the farmers were told about the diseases of Banana crop caused by soil and their treatment. Along with this, insects and diseases of some vegetable crops and their treatment have been described.

At the same time, they were also told that the excessive use of chemicals has side effects and harm on human life.

- Address by Chief Guest **Shri Ravi Chandra Yadav (DDM NABARD)**

- **Time:-**12.15pm to 12.35pm

He apprised the farmers about the program that how we can get a diagnosis from the disease called Panama Wilt. This is found in Banana and gave important information to the farmers about this project.

- After that Oral Presentation by **Mr. Badrish Tiwari**

- **Time:-** 12.35 To 12.50pm

He told the farmers about different types of diseases, pests, and insects in banana in Uttar Pradesh; how we identify the diseases and then how do you treat it.

- Then Live Interaction by Padmasree awardee Banana Farmer **Mr. Ram Saran Verma.**
 - **Time:-** 12:50 To 1:00pm

- Motivational Approach by **Dr. Vineet Awasthi (Assistant Professor III, AIB)**
 - **Time:-** 1:10 To 1:20pm

He told the farmer's that any fertilizer or chemical should not be used much in agriculture as much as is needed otherwise it has bad effect on our farming, environment and climate and the field also became barren.

- After that Vote of thanks by **Dr.Gurjeet Kaur (Assistant Professor III, AIB)**
 - **Time:-** 1:20 To 1:30pm

- Then Refreshment distribution and dispersal.
 - **Time:-** 1:30pm onwards.

SOME PHOTOS OF FARMERS TRAINING



OUTCOMES FOR THIS PROGRAM

- Farmers shared their experiences in this program.
- In this program, the farmers told the experts who were with us, whatever the problems was, from land preparation to harvesting and their solution was told by our experts.
- The expert who came in the program also informed about the schemes of the government that how you can take benefits.

- Our experts also tell the farmers that chemical-pesticides are not to be used in the field and also told about the damage caused by them.
- He also advised the farmers to use bio-pesticides and also tell about the benefits of it.
- Our experts tell the farmers about inter-cropping that how we can take advantage of using inter-cropping and reduce the diseases in the fields.
- Farmers were also told about soil solarization and how soil diseases can be reduced by using it.
- It was also tell that what diseases, insects aur found in banana crop and how their symptoms appear and how it is treated.
- The DD News U.P. channel also showed this program how farmers can earn maximum profit in their low cost. Etc.

MEDIA COVERAGE



Training-1B : Program Report of Bahraich

Project Title: Dissemination of cost-effective eco-friendly techno-package for combating *Fusarium* wilt of Banana (*Fusarium oxysporum f. sp cubense*) spreading in three districts Sitapur Bahraich and Barabanki of Uttar Pradesh.

Area District: Bahraich

Program Date: 28 April 2022

Time: 11.00 AM onwards

Venue: Sabhagaar Tehsil, Kaiserganj, Bahraich

The training program started with the welcoming of SDM Kaiserganj by presenting a planter by Dr Shalini Singh Visen, Director AFAF Lucknow, Amity University Uttar Pradesh as a token of gratitude. Dr. Gurjeet Kaur welcomed the chief guest and the farmers to the training. Dr. Shalini Singh Visen introduced and elaborated about the training program. SDM, Mr Mahesh Kaithal addressed the farmers and motivated them to participate enthusiastically in the training program and get benefitted. Ms Alpika Verma, Nayab Tehsildar Kaiserganj also graced the Dais with her presence throughout the session. Dr. Arvind Kumar Singh, M.S. District Co-Convener Medical Cell Bahraich 1₂ gave his motivational and progressive talk.

Mr Pradumn, Field Assistant delivered a talk on Banana cultivation and its logistics. Various diseases and pest and their pathological impact on the banana farming were communicated by Mr Badrish Tiwari through a power point presentation. The farmers could very well correlate with the images shown in the presentation. During this presentation Dr. Visen also gave her valuable inputs and ways to overcome the pathological effects on the yield. A detailed discussion was twined by Dr Visen with regards to Panama wilt pathogen and means of its survival and further spread. The farmers were sensitized to peruse chemical less farming and ways to maintains ecosystem biodiversity.

The plant tissue culture technique and its advantages in banana farming were discussed by Dr Vineet Awasthi. An open forum discussion on the problem faced by the banana growers and farmers willing to grow banana was conducted by Dr Vineet Awasthi. The farmers eagerly shared relevant issues they face during farming. All the speakers gave their views and suggestions. During the program Mr. Vivek Singh, Zila Adhyaksh Hindu Vahini and Panchayat sadasya was present during the entire conduct of the event.

The Farmers were registered in this project for upcoming events in the future.

Farmers dispersed after the distributions of refreshments.

Coverage of scenes



Media coverage link of the above-mentioned program:

https://m.facebook.com/story.php?story_fbid=2793795967582730&id=100008570614315&fnsn=wiwspmo

Training-1C : Program Report Sitapur

Project Title: Dissemination of cost-effective ecofriendly techno-package for combating *Fusarium* wilt of Banana (*Fusarium oxysporum f. sp cubense*) spreading in Three district Sitapur Bahraich and Barabanki of Uttar Pradesh.

Area District: Sitapur

Program Date: 6 May 2022

Time: 11.00 AM onwards

Venue: Sabhagaar Tehsil-Biswan, Sitapur

The training program started with the welcoming of SDM Biswan by presenting a planter by Dr. Shalini Singh Visen, Director AFAF Lucknow, Amity University Uttar Pradesh as a token of gratitude. Dr. Gurjeet Kaur welcomed the chief guest and the farmers to the training. Dr. Shalini Singh Visen introduced and elaborated about the training program. SDM, Mr. Anupam Mishra addressed the farmers and motivated them to participate enthusiastically in the training program and get benefitted.

- i. Dr. Jyoti Swaroop (Natural farming expert) gave all the farmers about natural farming and explained what other farming can be done with Banana.
- ii. Dr. Daya Srivastava (Head KVK Sitapur) sanitized them about important pest and diseases that affect banana crop and also about their natural method to manage it well on time as well as about enemy and friendly insects.
- iii. Mr. Kamlesh Singh, progressive farmer (Director Pathik Bioenergy Farmer Producer company ltd. Sitapur) gave his motivational and progressive talk.
- iv. Mr. Anuj Singh (Director Yathrav Bio Tech pvt. ltd.) told all the farmers about plant tissue culture and gave about good varieties of banana so that the production can be good.

The farmers could very well correlate with the images shown in the presentation. During this presentation Dr. Visen also gave her valuable inputs and ways to overcome the pathological effects on the yield. A detailed discussion was twined by Dr Visen with regards to Panama wilt pathogen and means of its survival and further spread. The farmers were sensitized to peruse chemical less farming and ways to maintains ecosystem biodiversity. The plant tissue culture technique and its advantages in banana farming were discussed by Dr. Vineet Awasthi. An open forum discussion on the problem faced by the banana growers and farmers willing to grow banana was conducted by Dr Vineet Awasthi. The farmers eagerly shared relevant issues they face during farming. All the speakers gave their views and suggestions. During the program.

The Farmers were registered in this project for upcoming events in the future.

Farmers dispersed after the distributions of refreshments.

Coverage of scenes





Media coverage photos & link of the above-mentioned program:



द इंडियन समाचार देश एवं प्रदेश के स Info. इंटर एवं कैमरा मैन बनने के लिए संपर्क करें उत्तर प्रदेश 9058905943, राजस्थान राकेश नाम Info.

https://www.arjunbaannews.page/2022/05/blog-post_0.html%F0%9F%91%86%F0%9F%8F%BB%F0%9F%91%86%F0%9F%8F%BB%F0%9F%91%86%F0%9F%8F%BB

<https://youtu.be/f-r1d9ZMrhw>

<https://public.app/s/hSwmR>

Training- 2: AWARENESS CUM TRAINING PROGRAM REPORT

One Day Training Program for 50 Farmers

Organized By: - Amity Food and Agriculture Foundation Lucknow Campus.

Funded By: - Council of Science and Technology (CST).

Date: - 5th June 2022

Place: - Devlakha Village (Bahraich)

Training of preparation and Application of Bijamrut

A one-day Farmer's training was organized at Devlakha Village. In this training farmers were introduced with **Bijamrut**.

Farmers were educated about Bijamrut, its preparation method, mode of action, uses, and benefits. .

Bijamrut, is a complete organic pesticide prepared by Indian traditional method. By using this organic solution, seeds can be protected from seed borne pathogens. It acts as nutrition for the soil and plants, and it can ward off all kinds of pests, insects and increase the richness of the soil.

Bijamrut Preparation Method

1. 5 kg Indian cow dung put in cloth and seal it by rope.
2. This sealed cloth is hung in the 20-liter water for 12 hours.
3. Add 50 gm. slaked lime in one-litter water and let it stable for 12 hours.
4. Now stir and squeeze this sealed cloth of the cow dung in that water to accumulate all essence of cow dung in that water.
5. Add a soil of farm in this solution and stir it well.
6. Add 5-liter Indian cow urine and slaked lime solution and stir it well.

Benefit:

It is very economical and safe in comparison to inorganic chemicals and can be prepared in very less time which is add on to cure the seeds and seedlings within time.

Coverage of scenes



Training- 3: AWARENESS CUM TRAINING PROGRAM REPORT

One Day Training Program for 50 Farmers

Organized By: - Amity Food and Agriculture Foundation Lucknow Campus.

Funded By: - Council of Science and Technology, Lucknow (UPCST).

Date: - 6th June 2022

Place: - Jarwal Road (Bahraich)

Training for preparing Agneyastra and its application

A one-day Farmer's training was organized at Jarwal road in this training, farmers were introduced with **Agneyastra**.

Project Staff explained the farmers about **Agneyastra**, its method of preparation, uses and its benefits and practically told farmers how they can prepare this organic pesticide. This is less expensive than chemical pesticides and it also takes less time to prepare. This organic insecticide helps in controlling the pest efficiently. It is mainly used for stem borer; fruit borer and it is very effective against such kind of pest.

Method of Preparation Agneyastra

7. Add 10 Litres of Cow's Urine to the Pot.
8. Cut the Tobacco and add them to the Cow's Urine.
9. Cut the Green Chilies and add them as well.
10. Cut the Neem Leaves and adds the pulp.
11. Boil this mixture continuously for 5 times.
12. Allow this solution to ferment for 24 hours.
13. Before use, filters the solution using a cloth.

Benefit:

It is a complete organic pesticide prepared by Indian traditional method using this organic solution; it acts as a fertilizer for the soil and plants and increases the richness of the soil.

Coverage of scenes



Training- 4: One Day Training Program for 25 Farmers

AWARENESS CUM TRAINING PROGRAM REPORT

Organized By: - Amity Food and Agriculture Foundation Lucknow Campus.

Funded By: - Council of Science and Technology, Lucknow (UPCST).

Date: - 20th October 2022

Place: - Devlakha Village (Bahraich)

Hands on multiplication of *Trichoderma*

A one-day Farmers training was organized at Devlakha Village of Bahraich district. In which the farmers were told about *Trichoderma* multiplication at village level.

JRA & Field Assistant has been given exposure to different techniques and instruments involved in bio agent isolation from field its multiplication and its preservation at the labs of Amity University Lucknow campus. Later, they explained these techniques to different farmers groups like multiplying *Trichoderma spp.* at remote village level, its method of preparation, uses and its benefits and demonstrated them to multiply *Trichoderma spp.* at field. *Trichoderma spp.* multiplied by this method is very cost effective and radially available in the season. Farmers need not to depend on companies for its availability. *Trichoderma spp.* significantly suppresses the growth of plant pathogenic microorganisms and regulates the rate of plant growth. Recent works have shown that common plant disease such as root rot disease, damping off, wilt, fruit rot and other plant diseases can be controlled by *Trichoderma spp.* It is a complete Bio control agent prepared by Indian traditional method, by using this organic solution; seeds can be saved from seed and soil borne diseases. And improves the soil fertility.

Coverage of Scenes





Method:

1. Take 200g of Rice/Wheat/Jowar/Maize in the poly pack and add 200 ml of fresh water in the pack (if grains contain dust, then wash it twice before adding fresh water).
2. Place the plastic pipe/Bamboo in the middle of the plastic pack (opening end) in such a way that level of the pipe and plastic remain equal.
3. Tie it with the help of rubber band. Plug the opening end of the pipe tightly with the help of the cotton.
4. Cover the cotton plug with a butter paper using rubber band.
5. Place the stone/wood in the cooker and add water into the cooker just below the stone/wood.
6. Place the plastic pack inside the cooker and put it on heating system.
7. Wait until 3 times gas release from the cooker (3 whistles).
8. Remove the packet from the cooker until totally cool down.
9. Do the inoculation in the early morning.

Inoculation Methods:

1. Place a candle in the corner of the room and wait for 3-4 minutes.
2. Wash hand and spoon with Dettol.
3. Open the paper cover of the plastic package.

4. Scoop up the mother culture (talc-based) using the opposite end of the spoon and pour into the plastic packet, removing the cotton plug in front of the candle.
5. Plug it back in and keep the plastic package at room temperature for 10 to 12 days.
6. All grain-based medium will turn green due to *Trichoderma Spp.* sporulation.

Advantages of the application of *Trichoderma spp.*:

1. Environmentally friendly.
2. Can be used together with organic fertilizer.
3. *Trichoderma spp.* they are also known to suppress plant parasitic nematodes (Root knot nematodes).
4. Lower cost and higher efficacy than fungicides.
5. Does not lead to the development of resistance in plant pathogens.
6. No phytotoxic effects.
7. Minimize losses and cost of production and increase yield and profit.
8. Plant growth promoter.

Training- 5: One Day Training Program for 30 Farmers

AWARENESS CUM TRAINING PROGRAM REPORT

Organized By: - Amity Food and Agriculture Foundation Lucknow Campus.

Funded By: - Council of Science and Technology, Lucknow (UPCST).

Date: - 28th October 2022

Place: - Lador Village (Bahraich)

Preparation of sticky traps and demonstrations of light traps

This small training was conducted at Amity University Campus as well as at Lador village of Kaiserganj block. This training was attended by 30 farmers. These farmers were sensitized for different types of traps available in market for managing pest of vegetable crops. Easy and cost effective trap, method of preparing was shown to all the farmers attending the workshop. Method of its preparation as below:

Easy and cost effective, homemade sticky Trap:

Take used empty 1- or 2-liters oil tin.

Cut piece of tin into rectangles of about 20 x 5cm

Paint it with Bright Yellow colour oil paint.

Apply grease or glue around the tin.

Erect traps above crop canopy with the help of bamboo poles

Coverage of Scenes



Training- 6 : Way Towards Sustainable Farming



ग्रामीणों को जैविक खेती व स्वरोजगार के लिए क

अजय खेतज • जोरड

एमिटी विश्वविद्यालय उन्नत भारत अभियान के तहत जैविक खेती को बढ़ावा देने के लिए किसानों को प्रशिक्षित और प्रोत्साहित कर रहा है। विश्वविद्यालय ने पांच गांवों को गोद लिया है। यहां पर किसानों को चर्मी कंपोस्ट बनाने से लेकर खेती में प्रयोग तक का पूरा प्रशिक्षण दिया जा रहा है। विश्वविद्यालय के विज्ञानी व शोधार्थी छात्र किसानों के साथ मिलकर काम कर रहे हैं। वह नियमित गांव में जाकर लोगों को जागरूक कर रहे हैं। किसानों को खेती में उर्वरक, मौसम के अनुसार फसल, मिट्टी की गुणवत्ता को लेकर जानकारी देते हैं। गांव कार्यशालाओं का आयोजन कर रहे हैं।

विश्वविद्यालय ने गौतमबुद्ध नगर के पांच गांव मंगरीली, छपरीली,

एमिटी ने पांच गांवों को लिया गोद, जैविक खाद व पंचगव्य के माध्यम से स्वरोजगार के लिए कर प्रोत्साहित

एचआरडी मंत्रालय ग्रामीण क्षेत्रों में आजीविका में सुधार के लिए चला रहा है अभियान



खेत में किसानों के साथ एमिटी विश्वविद्यालय के प्रोफेसर व शोधार्थी • सी. प्रियकिशोर

नंगली, वाजिदपुर, तुरियाई, सदरपुर को गोद लिया है। विश्वविद्यालय को विज्ञानी डा. संगीता पांडेय ने बताया कि मृदा संरक्षण से लेकर मानवीय स्वास्थ्य के लिए जैविक खेती को

बढ़ावा देना जरूरी है। वर्तमान में खेती में बड़ी संख्या में रसायन का प्रयोग हो रहा है। यह मिट्टी व मनुष्य दोनों की सेहत के लिए हानिकारक है। किसान लंबे समय से रसायन का

लोगों को स्वरोजगार के लिए कर रहे प्रेरित

ग्रामीणों को जैविक कचरा से खाद बनाने और गोमूत्र से पंचगव्य बनाने के बारे में भी जानकारी दे रहे हैं। किसानों को इसके प्रति प्रोत्साहित कर रहे हैं। लोगों को इसके माध्यम से स्वरोजगार के लिए भी प्रेरित कर रहे हैं। इससे जैविक खेती को बढ़ावा मिलने के साथ किसानों के जीवन में भी गुणवत्ता बढ़ेगी।

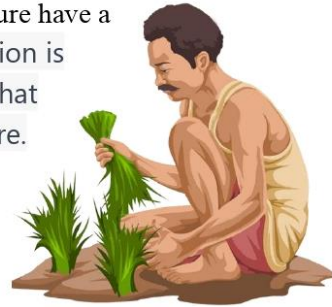
प्रयोग कर खेती कर रहे हैं। ऐसे में सीधे जैविक खेती पर आना आसान नहीं है। इसके लिए किसानों को जागरूक करना जरूरी है। इसके लिए हम गांवों में कार्यशाला का आयोजन

आइ है च

उन्नत मंत्रालय का मि आइउ में शिक्षा गौतम यह मि उद्देश्य के लि करना दोनों

WAY TOWARDS SUSTAINABLE FARMING

We, the students of Amity Institute of Organic Agriculture have a strong belief on the very data that The global population is expected to reach 9 billion by 2050, which means that we will need to produce more food than ever before. At the same time, we are facing numerous environmental challenges such as climate change, soil degradation, and water scarcity.



To raise awareness about the same we conducted an event it was not an event rather a door to door campaign in which our primary goal to aware farmers about the need of sustainability and to gather data about the ongoing practises which they are following.

we Started our day with a new sense of Enthusiasm and a sense of doing something new, knowing about our schedule of visiting a village(Mangrauli Chhaprauli) and did survey under Unnat Bharat Abhiyan (Unnat Bharat Abhiyan is a flagship programme of the Indian government launched in 2014 by



the Ministry of Education which aims to improve the living standard of rural communities by promoting sustainable development through technology and innovations the initiative is a collaborative effort between Academy institutions and rural communities with the primary objective of identifying development

challenges in rural areas and finding sustainable solution to address them under the programme .Higher education institutions and the collaboration with nearby village to work together to our rural development. Institution adopts villages and conduct survey to identify the need and challenges of the villagers based on the survey. The institutions developed a plan of action to address the identifying

issue which may include providing education improving citations promoting renewal energy and creating livelihood opportunity.)

Sustainable farming practices offer a way to address these challenges and ensure that we can continue to produce food for a growing population while also protecting the environment. By adopting sustainable practices such as conservation tillage, crop rotation, and cover cropping, farmers can improve soil health, reduce erosion, and increase water retention. This can lead to higher crop yields and more resilient farms.



In addition, sustainable farming practices can help to reduce greenhouse gas emissions, which are a major contributor to climate change. By using natural fertilizers and reducing the

use of synthetic pesticides and herbicides, farmers can reduce the carbon footprint of their operations.

Sustainable farming also has important social and economic benefits. By prioritizing the health of the soil and the environment, farmers can create a more sustainable and resilient agricultural system that can support rural communities and small-scale farmers. By supporting local food systems and reducing reliance on industrial agriculture, we can also create more equitable and just food systems that benefit everyone.

Overall, sustainable farming is essential for ensuring food security, protecting the environment, and supporting rural communities. By

promoting and supporting sustainable farming practices, we can work towards a more just and sustainable food system for all.



We went to the farmers, to see manure also called as vermicompost was under preparation so we were sent to meet the villagers by conducting the survey under the head of department Doctor Sangeeta Pandey and the coordinator Sneha Ghai.

Some student were sent to a proper farm. They inspected and surveyed the farm before going to the village. Now the remaining students were divided into team of 4 with a team leader. The teams were sent in different directions to talk to farmer and person related to agriculture. The students interrogated them about their family educations

and about the facilities provided by the government .We also inspected about various government scheme, whether they are benefited with these scheme or not. Schemes like Pradhanmantri Fasal Yojna, Bima Yojana,Pradhan Mantri Krishi sinchai yojana, Pradhanmantri Kisan Samadhan Nidhi etc .

In the survey we asked them about their field area and the number of cattles they had. We also talked them about the improvement they would like to see in village. The farmers were very friendly and supportive to the students. They encouraged our work and after that we clicked some pictures with the farmers. Meanwhile the team gone for the field survey conducted a interactive session with farmers about their farm and other various agriculture related operations. Wgere Dr Sangeeta Pandey ma'am informed the farmers about various types of modern farming methods and field operations focusing and emphasising more

on organic form of agriculture it's importance and also asked farmers to put more focus on sustainable and organic form of agricultural technologies and farm operations to increase yield and productivity and way to tackle and control pest and diseases conditions on daily basis rather than using artificial and chemical form of control, she also informed the farmers that this year is India is hosting G20 for various other science allied field.



Next there was a interactive session with farmers Santa ram and Maya Devi where they discussed about different methodology and techniques dealing with pest and weed one of them for example “Method to deal with most hazardous pest of Brinjal -Banana leaves soaked in cow urine 2-3days to allow manure to form viscous and then sprayed at brinjal and it is proved to be the most effective way in eradicating and controlling the brinjal disease in short duration.

We saw various common farm field tool and operations carried out by most of the local village farms and their methodologies and seeing different varieties of plant crops .Afterwards we were asked to distribute some snacks to the farmer like samosa, gulab jamun and cold drink.

The team had fun interaction with people and children. We were immensely merry about this survey as we got to know about their daily livelihood as farmer.

The campaign ended with lot of experience and fun learning .Being a student we got to know about lots of things at the ground level. Which is practically not possible for a classroom.

Event Organized					
S. no.	Title of the event	Date of the event	Venue	Name of the institution organized	Major Highlights
1	Organized a one-day training program on 40 banana growers in Barabanki District	March 30, 2022	Sabhagaar, cooperative Bank main branch, Barabanki	AFAF Amity University Lucknow Campus	The Banana cultivation Awareness programs was covered in three districts a total area of 9 acres of selected beneficiary fields with a cluster approach for increasing the area under crop production, protection, productivity, income through good agricultural practices/IPM techno packages for control of diseases and insect pest.
2	Organized a one-day training program on 40 banana growers in Bahraich District	April 28, 2022	Sabhagaar Tehsil, Kaisergan, Bahraich	AFAF Amity University Lucknow Campus	The Farmer's Training Program in three districts with 120 farmers was successfully educated participants on critical agricultural practices and emphasized the importance of sustainable and responsible farming. The event facilitated valuable knowledge sharing and community building among farmers from various villages, contributing to the overall advancement of agriculture in the region.
3	Organized a one-day training program on 40 banana growers in Sitapur District	May 6, 2022	Sabhagaar Tehsil-Biswan, Sitapur	AFAF Amity University Lucknow Campus	
4	A one-day Farmer's training was organized at Devlakha Village. In this training farmers were introduced with Bijamrut.	June 5, 2022	Devlakha Village Bahraich District	AFAF Amity University Lucknow Campus	
5	A one-day Farmer's training was organized at Jarwal Road in this training, farmers were introduced with Agneyastra.	June 6, 2022	Jarwal Road Bahraich District	AFAF Amity University Lucknow Campus	The training highlighted its benefits, including protection against seed-borne pathogens, its role as a soil and plant nutrient, and its ability to repel various pests and insects. The training covered a step-by-step method for preparing Agneyastra, emphasizing its cost-effectiveness and efficiency in comparison to chemical alternatives.

6	A one-day workshop was organized at the village level where 25 farmers were trained to multiple bioagent at Village level.	October 20, 2022	Kaiserganj Bahraich District	AFAF Amity University Lucknow Campus	<p>A one-day Farmers' Training was conducted at Devlakha Village, Bahraich district. The training primarily targeted local farmers interested in learning about Trichoderma multiplication at the village level.</p> <p>The traditional Indian method of preparing Trichoderma spp. was underscored as a complete biocontrol agent. Its application was stated to protect seeds from seed and soil-borne diseases while simultaneously enhancing soil fertility.</p> <p>The training aimed to empower local farmers with knowledge and skills that can contribute to sustainable farming practices and increased crop productivity while reducing their reliance on external resources for disease control and crop management.</p>
7	One Day Training Program for 30 Farmers Preparation of sticky traps and demonstrations of light traps	October 28, 2022	Lador Village Bahraich District	AFAF Amity University Lucknow Campus	<p>This small training was conducted at Amity University, Lucknow Campus as well as at Lador village of Kaiserganj block.</p> <p>This training was attended by 30 farmers.</p> <p>These farmers were sanitized for different types of traps available in market for managing pest of vegetable crops.</p> <p>Easy and cost effective trap method of preparing was shown to all the farmers attending the workshop.</p>
8	Way towards sustainable farming	April 2023	Visited a village(Mangrauli Chhaprauli) and did a survey under Unnat Bharat Abhiyan (Unnat Bharat Abhiyan	Amity Institute of Organic Agriculture	<p>It aims to improve the living standard of rural communities by promoting sustainable development through technology and innovations the initiative is a collaborative effort between Academy institutions and rural communities with the primary objective of identifying development challenges in rural areas and finding sustainable solutions to address them under the programme .We went to the farmers, to see manure also called vermicompost was under preparation so we were sent to meet the villagers by conducting the survey under the head of the department Doctor Sangeeta Pandey, and the coordinator Sneha Ghai</p>