



**Bharati Vidyapeeth's
Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon, Dist. Sangli
Department of Microbiology**

A Brief Report of the Outreach Activity

Academic Year: 2022-2023

Details of the program

- Title: Awareness among Farmers about Soil Fertility through Microbes
- Program Coordinator: Mr. J.V. Kuwar
- Organizing Department: Department of Microbiology
- Number of Participants: 30
- Duration of the Program: 3 hours
- Dates: 18th January 2023, 19th January 2023, 1st March 2023
- Places: Kadegaon, Wangi, Kadepur

Purpose:

The Awareness Program on Soil Fertility through Microbes was organized by the Department of Microbiology with the aim of spreading awareness among farmers regarding the significance of microorganisms in improving soil fertility. The program aimed to address the issue of decreasing soil quality due to the use of chemical fertilizers and highlight the role of microorganisms in reclaiming and enhancing soil fertility without incurring additional costs.

Program Outcome:

The program successfully provided essential information to farmers about the pivotal role of microorganisms in soil fertility. The participants gained knowledge about the various beneficial functions of microorganisms, such as nitrogen fixation, phosphate solubilization, and nutrient recycling.

Program Execution:

The program was conducted on three different dates, namely 18th January 2023, 19th January 2023, and 1st March 2023, in the towns of Kadegaon, Wangi, and Kadepur, respectively. Mr. J.V. Kuwar, the program coordinator, played a crucial role in organizing and facilitating the program.

During the program, the participants, consisting of farmers from the local communities, were provided with basic information about the significance of microorganisms in soil fertility. The speakers emphasized the harmful effects of chemical fertilizers on soil quality and the long-term benefits of utilizing microorganisms for soil improvement.

The program highlighted the specific roles of microorganisms in the soil ecosystem, such as fixing atmospheric nitrogen, solubilizing phosphate compounds, and recycling essential nutrients. Through interactive sessions, the participants were encouraged to share their experiences and ask questions, enabling a better understanding of the concepts presented.



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The program also emphasized the cost-effectiveness of using microorganisms as a sustainable solution for improving soil fertility. The speakers provided practical examples and success stories from farmers who have adopted organic farming practices and benefited from the utilization of beneficial microorganisms.

Conclusion:

The Awareness Program on Soil Fertility through Microbes proved to be a valuable initiative for farmers. It successfully achieved its goal of spreading awareness about the importance of microorganisms in soil fertility. The participants gained insights into the various roles of microorganisms and their positive impact on soil health and productivity.

The program equipped the farmers with the knowledge and understanding necessary to transition from chemical-intensive farming practices to sustainable and organic methods that utilize beneficial microorganisms. By adopting such practices, farmers can enhance the fertility of their soil, reduce dependency on chemical inputs, and improve long-term agricultural sustainability.

The Department of Microbiology, through this program, contributed to the dissemination of essential information among farmers, empowering them to make informed decisions regarding soil management. The program coordinator, Mr. J.V. Kuwar, played a vital role in organizing and coordinating the program, ensuring its successful execution.

Overall, the Awareness Program on Soil Fertility through Microbes served as a platform for knowledge sharing and capacity building, promoting sustainable farming practices and supporting the well-being of farmers and the environment.


Program Coordinator


Head,
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Awareness among Farmers about Soil Fertility Enhancement Through Microbes

Sr. No.	Name of Farmer	Name of Village	Sign
1.	Siddesh Pandurang Suryawanshi	wangi	
2.	Shreerang Shankar Suryawanshi	wangi	
3.	Sambhaji Shivaji Suryawanshi	wangi	
4.	Mahadev Taty Suryawanshi	Kadepur	M.T.M
5.	Datta Tayaji Mokale	wangi	
6.	Battatraya Nana Mokale	wangi	
7.	Sangram Popat Mohite	wangi	
8.	Shivatej Shreerang Mohite	wangi	
9.	Dhanaji Rambhau Jagdale	wangi	D.R.Jagdale
10.	Sandip Rambhau Jagdale	wangi	
11.	Tanaji Shivaji Jagdale	wangi	T.S.J
12.	Chandrakant Vasant Suryawanshi	wangi	C.V.S.
13.	Somanath Namdev Jagdale	wangi	
14.	Sachin Namdev Jagdale	wangi	
15.	Shankar Narayan Suryawanshi	wangi	
16.	Sharad Dhodiram Savant	wangi	
17.	Vijay Shivaji Vatre	wangi	
18.	Sunil Hunmanth Vatre	wangi	
19.	Navanath Dhondiram Savant	wangi	
20.	Satish Shivaji Yadav	wangi	

Teacher Incharge

Head



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Sr. No.	Name of Student/Participant	Mobile No.	Sign
1.	Pallavi pandurang suryawanshi	7821847575	
2.	Mayuri hanmantphanavade	7666749699	
3.	Durga arvind Patil	9022238410	
4.	Priti subhash Mane	8369298630	
5.	Pranoti sitaram gurav	9579189298	
6.	Ashwini Jotiram mulik	8624814856	
7.	Pratiksha Aambadas pisol	80100143848	
8.	Kajal Sambhaji Jagtap	7058511602	
9.	Pratiksha Datt Dilip Kadam	8421828362	
10.	Sanika Dattatray Kadam	7620363440	

Teacher Incharge

Head