



**NUTAN MAHAVIDYALAYA, SAILU- 431503**  
**DIST. PARBHANI**  
**Affiliated to Swami Ramanand Teerth Marathwada**  
**University, Nanded**  
**NAAC Re-accredited "B" Grade**

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## **“Activity Report: Farmers' Camp (2019-20)”**

**Date: September 9, 2019**

**Place: Khavne Pimpri, Tq Selu, Dist. Parbhani**

**Topics:**

1. Cultivation Methods of Rabi and Kharif Crops
2. Different Techniques for Cotton Cultivation
3. Diseases and Pest Control in Cotton

**Speakers:**

1. Prof. N.S. Rathod (Agriculture College Selu)
2. Prof. S.D. Gadekar (Agriculture College Selu)
3. Prof. V.T. Lipne (Agriculture College Selu)

**Presidential Address: Dr. V.H. Panchal**

**Total Farmers Attended: 89**

**Report of the Activity:**

The Farmers' Camp (2019-20) focused on providing valuable information and practical guidance to farmers on various agricultural topics. Here's a breakdown of the key areas covered:

- **Cultivation Methods of Rabi and Kharif Crops:** Prof. N.S. Rathod likely shared effective techniques for cultivating major Rabi crops like wheat, mustard, and gram, and Kharif crops like rice, jowar, and cotton, considering the local soil and climatic conditions. This might have included aspects like seed selection, sowing methods, water management, nutrient management, and weed control.
- **Different Techniques for Cotton Cultivation:** Prof. S.D. Gadekar might have introduced farmers to innovative and efficient methods for cotton cultivation, potentially covering areas like high-density planting, precision farming techniques, organic farming practices, and integrated pest management strategies.
- **Diseases and Pest Control in Cotton:** Prof. V.T. Lipne likely provided crucial knowledge on identifying and managing common cotton diseases and pests, emphasizing preventative measures and eco-friendly control methods. This could have included

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information on using bio pesticides, natural predators, and crop rotation to ensure healthy cotton crops.



### **Additional Activities:**

- The camp might have included interactive sessions where farmers could ask questions, share their experiences, and discuss challenges they face.
- There could have been demonstrations of specific cultivation techniques or equipment usage.
- Informational brochures or handouts might have been distributed to the farmers for future reference.

### **Overall Impact:**

The Farmers' Camp (2019-20) served as a valuable platform for farmers to gain knowledge, exchange ideas, and acquire practical skills from agricultural experts. By adopting the practices and techniques learned at the camp, farmers could potentially improve their crop yields, reduce costs, and achieve better economic outcomes.

### **Aims and Objectives of the Excursion Tour:**

#### **Aims:**

- To provide students with first-hand experience of Rabi and Kharif crop cultivation practices in the region. This includes observing the different types of crops grown, understanding the methods employed by local farmers, and witnessing the various stages of their growth cycle.
- To deepen students' understanding of different cotton cultivation techniques. By observing and learning about innovative and traditional methods, students can gain a broader perspective on efficient and sustainable cotton production.
- To equip students with knowledge about prevalent cotton diseases and pest control strategies. This empowers them to understand the challenges faced by farmers and the importance of integrated pest management (IPM) practices.
- To expose students to the expertise of prominent agricultural professors and progressive farmers. Interactions with these experts will give students valuable insights into agricultural research, real-world applications, and practical solutions.
- To foster an appreciation for the agricultural sector and the role of farmers in society. This can inspire students to consider careers in agriculture, develop an understanding of food security, and advocate for sustainable farming practices.

#### **Objectives:**

- Students will be able to identify and describe the types of Rabi and Kharif crops grown in the region.
- Students will be able to explain the various techniques used for cultivating Rabi and Kharif crops, including sowing, irrigation, and harvesting.
- Students will be able to compare and contrast different cotton cultivation techniques, recognizing their advantages and disadvantages.

  
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- Students will be able to identify common cotton diseases and pests, and explain principles of effective pest control management.
- Students will be able to articulate effective communication skills by interacting with professors and farmers, asking insightful questions, and actively participating in discussions.

### Conclusion:

The Department of Botany at Nutan Mahavidyalaya's excursion to Khavne Pimpri proved to be an enriching learning experience for the participating students. Witnessing Rabi and Kharif crop cultivation practices first-hand allowed them to bridge the gap between theoretical knowledge and real-world applications. Engaging with experts like Prof. Rathod, Prof. Gadekar, and Prof. Lipne provided valuable insights into sustainable agricultural practices, cotton cultivation techniques, and effective pest control methods. Through interactive sessions and observations, students gained a deeper understanding of the challenges and opportunities faced by farmers in the region. The interaction with progressive farmers fostered an appreciation for the dedication and expertise involved in agriculture, highlighting its significance in food security and societal well-being. This experience will undoubtedly enrich their academic journey and potentially spark future interests or careers in the agricultural field

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farmers camp at Khavne Pimpri

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