



**Seminar
on
Maintenance of
Quality and Safety
of Horticultural
and Food Crops
through Biological
Control of Pests
and Diseases
December 30, 2021**

Organized by

Unit-4 (Pesticide Residue Analysis),
NAHEP-CAAST Sub-project
N. M. College of Agriculture
Navsari Agricultural University
Navsari, Gujarat

In Association with

Plant Protection Association of Gujarat (PPAG),
Navsari Chapter

Sponsored by

National Agricultural Higher Education
Project (NAHEP) ICAR-World Bank Sub-project



❖ PROGRAMME ELUCIDATION (NAHEP-CAAST)

The National Agricultural Higher Education Project (NAHEP) is a new initiative of Indian Council of Agricultural Research, funded by World Bank and Government of India on sharing basis. The NAHEP is an ambitious step of ICAR to strengthen the National Agricultural Education System in the country by investing in capacity building of Students, Faculties, Infrastructural Development and Innovative Technologies. The Navsari Agricultural University (NAU), Navsari, Gujarat was granted Center for Advanced Agricultural Science and Technology (CAAST) Sub-project “Establishment of Secondary Agriculture Unit for Skill Development in Students and Farmers” on competitive basis in 2018.

❖ ABOUT THE UNIVERSITY

The Navsari Agricultural University campus is located 3 km to the West of Navsari city. The main campus at Navsari houses various graduates and post graduates colleges in faculties of Agriculture/Forestry/Horticulture and Agribusiness Management. The NAU has made remarkable progress in its tripartite activities *i.e.*, Education, Research and Extension Education which was matched with growth in infrastructure and Human Resource Development since its inception. The NAU, Navsari has bagged many awards at the national level for excellence in its mandated activities.

❖ BACKGROUND

It is well established that excessive and indiscriminate use of agrochemicals particularly pesticides has pronounced negative impact on the environment, soil, water as well as human health. The toxic residues of pesticides are frequently detected in vegetables, fruits and grains. Simultaneously, the excessive use of agrochemicals has proven to be the one of the potential reasons for a sharp decline in soil fertility and productivity. Considering the importance and gravity of this situation, Government of India along with several State Governments encourage the farming community to adopt ecologically sound and economically viable pest control techniques by incentivizing in several means and ways. It has been proven that smart selection and optimal use of natural enemies of insect pests as well as numerous fungi, bacteria and viruses are a practical and handy solution for the problem of pests and disease management. As a result, agricultural universities have come up with several biological control technologies for farmers which are not only useful in pest control but are also helpful in maintaining the quality of environmental matrices and human health.



In view of the above facts, Unit-4 (Pesticide Residue Analysis), NAHEP-CAAST, NAU, Navsari in collaboration with Plant Protection Association of Gujarat (PPAG), Navsari Chapter has organized a one-day state-level seminar on "Maintenance of quality and safety of horticultural and food crops through biological control of pests and diseases (જીવાતો અને રોગોના જૈવિક નિયંત્રણ દ્વારા બાગાયતી અને ખાદ્ય પાકોની ગુણવત્તા અને સલામતીની જાળવણી)" on December 30th 2021. The main objective of this seminar is to increase awareness about the benefits of biological control measures among farming communities.

- ❖ **Invited Lectures:** Lectures will be delivered on various aspects of biological control of pests and diseases of horticulture and food crops by renowned scientists and academicians having rich experience and proven expertise in the field of biological control of agricultural pests and diseases.
- ❖ **Who Can Participate:** The farmers from different parts of Gujarat, faculty of SAUs of Gujarat, researchers, retired academicians, scientists as well as Post graduate students of SAUs in Gujarat are eligible for registration in this event. The members of PPAG are also eligible to participate.
- ❖ **Registration fees:** The National Seminar is sponsored under the NAHEP-CAAST sub component and therefore, the registration fees stands exempted. Participants can register either in online or offline mode.
- ❖ **Process of registration:** The Post graduate students and faculty of SAUs are advised to fill up the registration form by using following link <https://forms.gle/svddGAZbwoLavd5q9> Onsite offline registration is allowed for farmers and PPAG members only.



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