



# E-NEWSLETTER

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola  
Krishi Vigyan Kendra, Selsura, Dist. Wardha



April-June, 2025 PDKV/PUB/KVKSEL/NL/750/2025



## Viksit Krishi Sankalp Abhiyan Empowers Wardha Farmers

The Viksit Krishi Sankalp Abhiyan, a 15-day national campaign, was successfully implemented in all 90 villages of all eight talukas of the Wardha district from May 29 to June 12, 2025. This initiative was a collaborative effort by the KVK Selsura team in association with, ICAR-CIRCOT, Mumbai, ATMA, and the State Agriculture Department of Wardha. The campaign was designed to foster a direct interaction between scientists and farmers by taking modern agricultural technologies straight to the villages and farms.

The program was inaugurated on May 29, 2025, by Hon'ble District Collector Shri. Narendra Fulzele, along with Dr. J. R. Katore (Senior Scientist & Head, KVK), Dr. Vishnu Arude (Principal Scientist, CIRCOT), Dr. Sheshnath Kautkar (Scientist, CIRCOT) Rani Gaikwad (Deputy Project Director, ATMA), and Dr. Snehal Deshmukh (Principal, Bajaj College of Agriculture).

Two dedicated teams, comprising staff from KVK, CIRCOT, ATMA, the State Agriculture Department, MAFSU-Nagpur, and Bajaj College of Agriculture, were formed to visit 03 villages per day per team daily and farms across the district. Scientists delivered guidance on various topics, including modern technologies for Kharif crops, natural farming practices, the importance of soil health, and the proper use of fertilizers. Farmers also learned about various government schemes and had the opportunity to discuss their challenges directly with the experts.

A key highlight of the campaign was the demonstration of Drone technology for which IFFCO, Wardha was involved. Scientists from ICAR-CIRCOT also taught farmers how to process cotton crop residue into valuable products like Biochar and Pellets, providing them with a new source of income.

The campaign also featured interactions with several progressive farmers who have successfully adopted innovative practices.







These included Mr. Amarjeet Jagtap from Nandpur village, who practices an integrated natural farming system; Mrs. Vimal Mankar, who produces a potassium-rich "Bael potash" and integrates natural farming with poultry; and Mr. Umesh Dhanfole, who generates economic value from cotton residue through biochar production.

The campaign concluded on June 12, 2025, at a program in Bopapur, Deoli. The closing ceremony was chaired by Dr. V. G. Atkare (Associate Dean, COA, Nagpur), Dr. M. K. Rathod (Head of Department, Extension Education), Dr. N. Vighneshwaran (Principal Scientist, ICAR-CIRCOT), Dr. Arput Raj (Scientist, ICAR-CIRCOT), Dr. J. R. Katore (Senior Scientist & Head), Ku. Rani Gaikwad, and Dr. Snehal Deshmukh. Dr. Atkare addressed the farmers on contemporary agricultural challenges and solutions, while Dr. Rathod encouraged them to collaborate and adopt new technologies for greater benefit.

## Model village Dighi (Bopapur) Farmer Adopts Integrated Farming System with KVK Selsura Support

Shri Ashish Dighikar, a progressive farmer from the Model Village of Dighi (Bopapur), has successfully adopted an Integrated Farming System (IFS), demonstrating a forward-thinking approach to agriculture. Under this system, he has innovatively combined livestock-based farming with goat rearing and poultry farming, all managed efficiently under a single shed. Dr. Sachin Mule, SMS (AHDS) from KVK, Selsura, played a pivotal role in this endeavor, providing Shri. Dighikar with timely guidance and essential assistance for the successful adoption of this new, integrated enterprise. His initiative serves as an inspiring model for other farmers seeking to diversify their income and enhance agricultural sustainability.



## PM Shri Nagar Parishad Students Learn About Modern Agriculture

Students and teachers from PM Shri Nagar Parishad, Deoli visited KVK Selsura, where 26 students and teacher staff had an insightful and educational experience. The students had the opportunity to learn about different farming techniques and observed a variety of crops in the fields at the KVK. Throughout the visit, the students were expertly guided by the Subject Matter Specialists at the KVK, who shared their knowledge and answered questions, making the learning experience both interactive and engaging. During the field visit, Dr. Ankita Angaitkar provided the students with information about the various units. They explored several key units, including the Trichoderma lab, where they learned about biological pest control methods, a vital component of sustainable agriculture. This information was provided by Dr. N.S. Wazire, The poultry unit provided them with knowledge on animal husbandry and its role in food production, with information shared by Dr. S.M. Mule, Furthermore, the nutrition garden showcased how to cultivate a variety of fruits and vegetables for a balanced diet, with information provided by Dr. P.R. Dhumal, Information regarding advanced agricultural machineries was also given by Dr. S.G. Pawar.



## One-Day Pre-Kharif Workshop Benefits Farmers Across Wardha

Scientists from KVK in collaboration with State Agriculture Department recently organized a one-day pre-kharif workshop across various talukas in the Wardha district, providing farmers with valuable insights and guidance for the upcoming Kharif season. The event aimed to equip local farmers with the latest knowledge on modern agricultural practices, including seed processing, germination testing, and cultivation technology. Experts also provided guidance on natural and organic farming, as well as information on various government agricultural schemes.

At taluka Deoli, Senior Scientist & Head Dr. J.R. Katore advised farmers on modern cultivation techniques and their advantages over traditional methods, while Dr. N.S. Wazire, SMS (Plant Protection), explained integrated pest management (IPM) and how technology can be used to monitor insect infestation, which helps farmers save on input costs at taluka Seloo and Wardha. At the Arvi taluka, Dr. S.G. Pawar, SMS (Agricultural Engineering), provided guidance on improved cultivation practices for major crops. She highlighted the benefits of using a seed planter to ensure proper plant spacing and explained the advantages of the Broad Bed Furrow (BBF) technology for soybean crops. Dr. Pawar also showcased how drone technology can address labor shortages, conserve water, save time, and ensure effective spraying.



## CICR, Nagpur, and KVK Selsura Launch "VCM" Project in Dighi Bopapur to Boost Farm Organic Carbon

A one-day technical training program on the 'Voluntary Carbon Market' (VCM) was successfully conducted on June 18, 2025, at the Krishi Vigyan Kendra (KVK), Selsura, Wardha. This program was a joint initiative by the Indian Council of Agricultural Research – Central Institute for Cotton Research (CICR), Nagpur, and Krishi Vigyan Kendra, Selsura, Wardha, under Dr. P.D.K.V. Akola. The program was chaired by Dr. Jivan Katore, Senior Scientist and Head of Krishi Vigyan Kendra, Selsura. In his presidential address, provided detailed information on how the VCM project will help increase organic carbon in farm soils.

Dr. A. Manikandan, Senior Scientist from the Central Institute for Cotton Research, Nagpur, elucidated the objectives and significance of the 'Voluntary Carbon Market' initiative to the farmers. He guided them on how this project can help increase soil organic carbon and reduce greenhouse gas emissions. Dr. A. S. Tayade, Senior Scientist, emphasized various aspects of farming, including ultra-high-density cotton cultivation, the importance of farmers selecting crops based on available water resources and soil conditions, and the need for soil testing to apply only the recommended amounts of chemical fertilizers. He also highlighted the importance of integrated nutrient management and integrated weed and irrigation management in crops. Shri. Chandrasekhar Mundafale, Senior Technician, provided detailed guidance on the importance of soil testing and land management. Under the 'Voluntary Carbon Market' project, cotton seeds were distributed to 60 selected farmers from the two adopted villages of Dighi and Bopapur. The program was skillfully moderated by Dr. Ankita Angaitkar, with the introductory remarks delivered by Dr. Rupesh Zadode.



**सलसुरा कृषी विज्ञान केंद्रात 'व्हीसीएम' कार्यशाळा**  
एक दिवसीय तांत्रिक प्रशिक्षण कार्यशाळा  
श्री. चंद्रशेखर मुन्दाफले

**विषय** : व्हीसीएम (Voluntary Carbon Market) प्रकल्प  
**दिनांक** : 18 जून 2025  
**वेळ** : सकाळी 10:00 ते 4:00  
**स्थळ** : कृषी विज्ञान केंद्र, सलसुरा, वार्धा

**प्रमुख अतिथी** :  
डॉ. प. डी. के. वी. अकोला, सलसुरा कृषी विज्ञान केंद्राचे सहायक संचालक  
डॉ. अ. मणिकंदन, सलसुरा कृषी विज्ञान केंद्राचे सहायक संचालक  
डॉ. अ. एस. तायडे, सलसुरा कृषी विज्ञान केंद्राचे सहायक संचालक  
डॉ. अ. अंगैतकर, सलसुरा कृषी विज्ञान केंद्राचे सहायक संचालक

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# FARMER SCIENTIST FORUM

## Green Manure Boosts Soil Health: KVK Scientists Advised During Farmer-Scientist Forum

Soil organic carbon levels in agricultural lands are alarmingly low to very low and green manures are crucial for increasing these levels and maintaining soil health. Scientists emphasized this during a recent Farmer-Scientist Forum, highlighting how green manures significantly improve the physical properties and fertility of the soil. They specifically recommended sowing Dhaincha (Sesbania) or Boru (Crotalaria) as green manure crops, as they effectively fix nitrogen in the soil.

The Farmer-Scientist Forum was organized by the KVK, Selsura. The event took place at the farm of Mr. Bharat Bhongade in Mahakal village, under the leadership of Dr. Jivan Katore, Senior Scientist and Head of KVK. During the visit, scientists and farmers observed Mr. Bhongade's vegetable crops, irrigation methods and mulching techniques and discussed his farm management strategies. Mr. Bhongade shared that he regularly uses Dhaincha and Boru every three years to enhance his soil's fertility, emphasizing the importance of proper soil planning for vegetable cultivation.



## Sustainable Farming Exemplified: 29th Farmer-Scientist Forum at Pramod Dehare's Farm in Andori

A significant meeting recently took place at the farm of Shri. Pramod Dehare, an exemplary farmer from Andori, Deoli Taluka, who has been instrumental in developing sustainable farming practices through innovative technologies and experiments. This was the 29th meeting of the Farmer-Scientist Forum, established by the Krishi Vigyan Kendra (KVK), Selsura, under Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola. During the forum, scientists and farmers collaboratively conducted a thorough inspection of banana and papaya crops.

Shri. Pramod Dehare planted the G-9 tissue culture variety of banana in August 2024. He meticulously detailed to the attending farmers how he implemented scientific methods for crop management, including bed preparation and drip irrigation for nutrient and fertilizer management. His effective planning has resulted in an average yield of 35 to 45 kilograms of banana bunches per plant this year, setting a commendable example for other farmers.

During the event, Dr. Jivan Katore, Senior Scientist and Head of KVK, emphasized the importance of scientific management of banana orchards. He guided farmers on essential care practices to maintain healthy orchards and highlighted the threat of viral diseases, particularly mosaic disease, to bananas. Dr. Katore stressed that a severe mosaic infection could necessitate the uprooting of the entire orchard, making the selection of healthy corms from disease-free orchards absolutely critical for new plantings.

Shri. Dilip Pohane, President of the Farmer-Scientist Forum, provided valuable information on high-density cotton cultivation. He discussed the importance of selecting suitable land, effective nutrient management, and how the increased plant density in high-density farming can significantly boost rain-fed cotton production and lead to higher farmer incomes.

Dr. Rupesh Zadode offered advice on Kharif season crop planning. Dr. Nilesh Wazire, SMS (Plant Protection) advised farmers on seed treatment to protect soybean, pigeon pea, and cotton crops before sowing. He also recommended the use of bio-fertilizers and Trichoderma. Dr. Prerana Dhumal, SMS (Home Science), guided on mushroom production technology and the business opportunities associated with mushroom farming to farmers from Sonora, Ratnapur, Dhanora, Yesgaon, and Satoda villages. Dr. Savita Pawar, SMS (Agricultural Engineering), shared information on drone spraying technology. Dr. Sachin Mule guided on poultry farming and animal vaccination. Mr. Gajanan Mhasal, Programme Assistant (Soil Testing Laboratory), urged farmers to conduct soil tests during the ideal period of April to May, before the Kharif season, to determine their crop's fertilizer requirements.



## Kisan Sammelan Launches Viksit Krushi Sankalp Abhiyan

Nagpur, India – A significant Kisan Sammelan was held at Nagpur serving as the launch event for the government's 15-day Viksit Krushi Sankalp Abhiyan (Developed Agriculture Resolution Campaign). The program was inaugurated by the Minister of Agriculture and Farmers' Welfare, Hon'ble Shri Shivraj Singh Chouhan, with Chief Minister Hon'ble Shri Devendra Fadnavis as the chairman. Notable guests included Hon'ble Shri Chandrashekhar Bawankule (Minister of Revenue), Adv. Shri. Manikrao Kokate, and Adv Shri Aashish Jaiswal (both Members of the Maharashtra Assembly).

To ensure the campaign's effective implementation, a planning session was held at the VANAMATI office in Nagpur, chaired by Hon'ble Vice-Chancellor, Dr. S.R. Gadakh. The session brought together officials from the PDKV Akola, the State Agriculture Department, and representatives from various Krishi Vigyan Kendras (KVKs). During the meeting, Hon'ble Director (Extension Education), Dr. D.M. Undirwade, provided guidance on the execution of the campaign plan for each district. Hon'ble Director of ICAR-NIASM, Baramati, Dr. K. Sammi Reddy, offered insights into the specific activities that should be conducted during the campaign, while Principal Scientist Dr. Shakir Ali presented on the transition from theoretical planning to practical action.

The session was attended by Senior Scientist & Head, Dr. J. R. Katore, and Dr. Ankita Angaitkar, SMS (Extension Education), who participated to help coordinate the campaign's activities. Their involvement, alongside that of progressive farmers from the region, underscores the crucial role of both agricultural experts and innovative farmers in driving agricultural progress. Their participation highlighted the valuable role of both agricultural experts and innovative farmers in driving agricultural progress.





## Five-Day Krishi Sakhi Training Held at KVK Selsura

KVK Selsura, in collaboration with ATMA, Wardha, recently organized a five-day residential "Krishi Sakhi Training" program. The event, which ran from May 21st to May 25th, 2025, was held under the Dr. Panjabrao Deshmukh Natural Farming Mission. Women from selected villages across various talukas were chosen to participate in this comprehensive training, which aimed to raise awareness about natural farming and its benefits for both the environment and agricultural fields.

During the program, participants received expert guidance from Scientists from KVK Dr. R.S. Zadode, SMS (Agronomy), Dr. S.M. Mule, SMS (AHDS) and Dr. N.S. Wazire, SMS (Plant Protection) engaged in hands-on practical sessions. The training focused on the importance of soil health, the role of microbes, and the significance of animals in agriculture. The women learned to prepare natural farming inputs such as Beejamrut, Jeevamrut, and Dashparni Ark, and also received training on vermicomposting and making seedballs. The participants also visited the demo units at KVK Selsura, where they were introduced to new techniques and practices. On the final day of the training, the women farmers were honored for their dedication and effort. They received their certificates from Dr. J.R. Katore, Senior Scientist & Head, and Ku. Rani Gaikwad, Deputy Project Director, ATMA, in a ceremony that celebrated their newfound knowledge and skills in natural farming. The training successfully equipped the women with the knowledge and skills necessary to promote natural farming in their villages and contribute to a more sustainable agricultural future.



## KVK Selsura Hosts Training and Soybean Seed Distribution Under NMEO-OS to Model village farmers

KVK Selsura recently hosted a one-day training workshop and soybean seed (PDKV Amba) distribution event as part of the National Mission on Edible Oils – Oilseed (NMEO-OS) initiative. Dr. J.R. Katore led the training, educating farmers on the significant importance and benefits of cultivating oilseed crops. Following the informative session, soybean seeds were distributed to farmers from the villages of Dighi, Bopapur, Sonegaon, Adegaon, Chiklali, and Dhanora. The successful distribution was overseen by Dr. R.S. Zadode and Dr. A.G. Angaitkar, with valuable assistance from Shri. Vaibhaw Chaudhary and Ku. Rutuja Korade in organizing the program.



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