



Kisan Mela and Agricultural Exhibition

Under the aegis of the Indian Council of Agricultural Research (ICAR), Krishi Vigyan Kendra, Parbhani and the Central Institute for Cotton Research (CICR), Nagpur,, jointly organized a Kisan Mela and Agricultural Exhibition on February 8, 2025, at KVK, Parbhani. To enhance the productivity of cotton, a major crop in Marathwada, a special cotton project is being implemented in Parbhani district through the collaborative efforts of CICR, Nagpur, and KVK, Parbhani. This project focuses on promoting high-density and ultra-high-density cotton planting techniques, as well as the Dada Lad cotton planting method, among farmers. To further this objective, a grand Farmers' Meet and Agricultural Exhibition was organized on February 8, 2025, at KVK, Parbhani.

The event was inaugurated by Hon. Smt. Laxmitai Ashokrao Deshmukh, Chairperson, Jeevan Jyoti Charitable Trust, Parbhani. The chief guests included Hon. Dr. Indra Mani, Vice-Chancellor, Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani; Hon. Dr. Y.G. Prasad, Director, ICAR-CICR, Nagpur; and Hon. Shri Dada Lad, Member of the All-India Working Committee and State Organization Minister (Maharashtra, Gujarat, and Goa), Bharatiya Kisan Sangh. Other distinguished attendees included Hon. Dr. Khizar Baig, Director of Research, VNMKV, Parbhani; Hon. Shri Daulat Chavan, District Superintendent Agricultural Officer, Parbhani; and key scientists from CICR, Nagpur, including Dr. Arjun Tayade, Head of the Special Cotton Project, along with Dr. Sunil Mahajan, Dr. Nilkanth Hiremani and Dr. Suhas Karkute.

Dr. Prashant Bhosale, Senior Scientist at KVK, Parbhani, presented the objectives of the program, elaborating on how the project aims to benefit farmers through high-density planting techniques and how KVK is working to promote these methods. Dr. Arjun Tayade, Head of the Special Cotton Project at CICR, Nagpur, provided detailed insights into high-density and ultra-high-density cotton planting techniques, guiding farmers on selecting appropriate planting distances based on soil type. He noted that adopting these techniques in rainfed areas can increase productivity by 15-20% and discussed ongoing research to incorporate mechanization in cotton cultivation.

(The remaining content on page 2)



Esteemed dignitaries including Smt. Laxmitai Ashokrao Deshmukh, Dr. Indra Mani, Dr. Y.G. Prasad, Dr. Khizar Baig, Shri. Daulat Chavan, Shri. Dada Lad and Dr. Prashant Bhosale graced the dais with their presence



Mahila Shetkari Melawa Organized at KVK Parbhani

On January 3, 2025, Krishi Vigyan Kendra, Parbhani, under the Indian Council of Agricultural Research (ICAR), New Delhi, and Jeevan Jyoti Charitable Trust, Parbhani, hosted a Mahila Shetkari Melawa to commemorate Savitribai Phule's birth anniversary. Themed "Employment Generation through Value-Added Enterprises," the event was guided by Dr. Prashant Bhosale, Senior Scientist and Head, KVK Parbhani.

The program was chaired by Smt. Laxmitai Ashokrao Deshmukh, Chairperson, JeevanJyoti Charitable Trust, Parbhani, and inaugurated by Shri Dada Lad, State Organization Minister and Member, All-India Working Committee, Bharatiya Kisan Sangh. Dr. Bhagwan Asewar, Director of Education and Dean (Agriculture), Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani, served as the chief guest. Special guests included Shri R.B. Harane, Sub-Divisional Agricultural Officer, Parbhani; Dr. D.M. Shere, Principal, Rajiv Gandhi College of Food Technology and Dr. D.B. Pawar, Principal, Rajiv Gandhi Agriculture College, Parbhani. Keynote speakers Smt. Manjusha Gulabrao Pawade, Director, Shri Organic Exports, Nanded, and Shri Gulabrao Anandrao Pawade shared their expertise.

(The remaining content on page 2)

Live Broadcast of the 19th Installment of PM Kisan Samman Nidhi

On February 24, 2025, Krishi Vigyan Kendra, Parbhani, organized a live broadcast of the 19th installment of the Pradhan Mantri Kisan SammanNidhi (PM-KISAN) scheme under the guidance of Dr. Prashant Bhosale, Senior Scientist and Head. Officials from the Parbhani Agriculture Department were present at the event.

The PM-KISAN program was originally held in Bhagalpur, Bihar, where Prime Minister Narendra Modi, in his speech, emphasized the government's commitment to farmers' welfare. He addressed the adoption of modern agricultural technologies and measures to enhance productivity. During the event, he initiated the direct transfer of ₹2,000 to farmers' bank accounts, providing immediate financial support.

(The remaining content on page 3)

Scientific Advisory Committee Review Meeting Concluded

On February 21, 2025, a review meeting of the Scientific Advisory Committee was held at Krishi Vigyan Kendra, Parbhani, under the chairmanship of Hon. Shri Raviraj Ashokraoji Deshmukh, Secretary, Jeevan Jyoti Charitable Trust, Parbhani. The meeting was inaugurated by Hon. Dr. P.R. Deshmukh, Chief Extension Education Officer, Vasantao Naik Marathwada Krishi Vidyapeeth (VNMKV), Parbhani. Hon. Dr. Syed Shakir Ali, Head, ATARI, Pune, and Hon. Dr. G.D. Gadade, Extension Agronomist and Manager, Agricultural Technology Information Centre, VNMKV, Parbhani, were present as chief guests. During the review meeting, a detailed report on various programs conducted from January 2024 to December 2024 was presented, along with the Annual Action Plan for 2025. Under the guidance of Dr. Prashant Bhosale, Senior Scientist and Head, KVK Parbhani, all scientists delivered department-wise presentations on the programs undertaken. These presentations covered KVK's special initiatives, crop demonstrations, frontline demonstration projects, training, and extension activities. Detailed information on the productivity of various projects implemented in the field was also shared.

Progressive farmers present at the meeting, including Hon. Shri Janardhan Awhargand, Shri Rameshwar Sable, Shri Digambar Ambhure, and Shri Kashinath Harkal, expressed satisfaction with the various initiatives implemented by KVK. They emphasized the need for farmer-producer companies, farmer groups, and KVK to work together to ensure fair prices for farm produce and to promote value-addition processes.

Dr. Syed Shakir Ali suggested that KVKs should adopt technologies suited to local farmers' needs and climate conditions to enhance their productivity. Dr. G.D. Gadade recommended conducting demonstrations of soybean cultivation using Broad Bed Furrow (BBF) and dibbling methods, utilizing Metarhizium and other biocontrol agents for managing white grub in sugarcane, and establishing nurseries for sugarcane planting material production using the Super Cane method. He also provided guidance on how KVK, the Agriculture Department, and rural institutions could collaboratively raise awareness among farmers about integrated farming systems, government schemes, and specialized extension campaigns. Dr. P.R. Deshmukh advised that KVK's demonstrations, training, and extension activities should be planned based on the concept of "farmer to consumer" to maximize benefits for farmers through value-added farm produce. He further instructed KVK to evaluate the effectiveness of its annual activities and submit a report to the Director of Extension Education. He expressed satisfaction with the innovative initiatives undertaken by KVK Parbhani and extended best wishes for future endeavors. The program was anchored by Dr. Arun Kharwade, and the vote of thanks was delivered by Shri Amit Tupe. The success of the meeting was ensured by the tireless efforts of all officers and staff of KVK Parbhani.



Hon. Shri Raviraj Ashokraoji Deshmukh, Dr. P.R. Deshmukh, Dr. G.D. Gadade, Dr. Prashant Bhosale and Hon. Dr. Syed Shakir Ali virtually present at the event

Kisan Mela and Agricultural Exhibition

Continuing from page 1

Dr. Khizar Baig emphasized the importance of integrated crop management for enhancing cotton productivity and urged KVK and the Agriculture Department to promote the university's improved cotton varieties. He highlighted that using straight varieties in high-density planting reduces production costs while increasing yields. Shri Daulat Chavan called for coordinated efforts by the university, KVK, and the Agriculture Department to bring high-density and ultra-high-density planting techniques to farmers' fields, assuring that these techniques would be integrated into schemes, farm schools, study tours, and training programs.

Dr. Y.G. Prasad, Director of CICR, Nagpur, stressed that high-density, ultra-high-density, and Dada Lad planting techniques are highly effective for increasing cotton productivity. He noted a 15-20% yield increase in rainfed areas, along with improved cotton quality, and recommended high-density planting for medium soils and ultra-high-density for light soils to maximize farmer benefits. Shri Dada Lad provided detailed guidance on cotton planting techniques, explaining optimal planting distances, removal of vegetative branches, pruning to limit plant height compared to traditional methods, and ensuring proper nutrition to fruiting branches to increase boll number and size, thereby boosting yields. He also highlighted the differences between the Dada Lad method and traditional cotton planting. In his concluding remarks,

Dr. Indra Mani praised the various initiatives under the project and expressed optimism that Parbhani district would achieve significant progress in cotton productivity through these techniques. He urged the university, Agriculture Department, and KVK to work together for farmers' welfare and to improve their livelihoods. He emphasized the need to plan how university-developed technologies, varieties, and planting methods could reach farmers' fields, describing the Dada Lad technique as a boon for farmers and encouraging its adoption.

Farmers achieving excellent yields through high-density, ultra-high-density, and Dada Lad cotton planting techniques, including Shri Ramrao Shinde, Smt. Godavari Shinde, Smt. Sita Gajmal, Shri Dnyanoba Kahale, Shri Ashokraji Rodge, Shri Yogiraj Dhadge, Shri Ashok Taynath, and Shri Ashok Deshmane, were honored with certificates. During the event, KVK, Parbhani, released an information booklet on high-density, ultra-high-density, and Dada Lad cotton planting techniques, distributed to all attendees. The program was anchored by Shri Amit Tupe, Scientist and Nodal Officer of the Special Cotton Project at KVK, Parbhani, with a vote of thanks by Shri Shridhar Pawar. Farmers from Parbhani, Gangakhed, Manwat, Selu, Jintur, Purna, and Pathri talukas attended in large numbers. The success of the event was ensured by the dedicated efforts of KVK, Parbhani, Better Cotton Project Team and the Special Cotton Project team.

Mahila Shetkari Melawa

Continuing from page 1

Dr. Prashant Bhosale urged women to combine farming with value-added enterprises for economic empowerment. Shri Dada Lad provided practical guidance on cotton planting, detailing optimal spacing, vegetative branch removal, and pruning to boost yields, with hands-on demonstrations.

Dr. Bhagwan Asewar emphasized women's role in family decision-making and the adoption of modern agricultural technologies. Shri R.B. Harane encouraged women to form farmer groups to drive rural development. Dr. D.B. Pawar advocated for agro-based cottage industries to enhance family income.

Smt. Manjusha Pawade shared her journey of building Shri Organic Exports, highlighting its value-added products and services. Shri Gulabrao Pawade motivated women to pursue value-added enterprises for financial independence, outlining available opportunities.

A field visit to the KVK campus was organized for the women farmers. The event, attended by approximately 300 women farmers, was anchored by Shri Amit Tupe, with Dr. Aruna Kharwade delivering the vote of thanks. The success of the Mahila Shetkari Melawa was ensured by the dedicated efforts of KVK Parbhani's officers and staff, fostering empowerment and innovation among women farmers.

Live Broadcast of the 19th Installment of PM Kisan Samman Nidhi

Continuing from page 1



Alongside the broadcast, KVK Parbhani organized an agricultural exhibition. The exhibition featured stalls by the Parbhani Agriculture Department showcasing modern farming equipment, seeds, and fertilizers, while other departments set up stalls to provide information on government schemes. Progressive farmers displayed their successful contributions, particularly through stalls like 'Uma Cotton Project' and 'Special Cotton Project,' which educated farmers on modern cotton farming techniques and productivity enhancement. Discussions also covered BT cotton, water management, and the judicious use of pesticides.

During the PM-KISAN broadcast, officials from KVK Parbhani and the Parbhani Agriculture Department informed farmers about various central and state government schemes. A total of 372 farmers and women farmers from Parbhani district attended the live broadcast event.

Inauguration of Farmer-Scientist Forum (Shetkari – Shastradnya Manch)

Krishi Vigyan Kendra, Parbhani scheduled a Farmer-Scientist Forum on the 7th of every month. In this regard, the inaugural session of the Farmers- Scientist Forum was held on the 7th January 2025 at Krishi Vigyan Kendra, Parbhani. The event was chaired by Dr. Prashant Bhosale, Senior Scientist and Head, Krishi Vigyan Kendra, Parbhani, with chief guest Dr. Gajanan Gadade, Extension Agronomist and Manager, Agricultural Technology Information Centre, Vasantrao Naik Marathwada Agricultural University, Parbhani, in attendance. Dr. Prashant Bhosale, in his introductory speech, elaborated on the main objectives of establishing the Farmer-Scientist Forum and how it would benefit farmers. He mentioned that through this forum, discussions on innovative topics related to agriculture and allied businesses would be held on the 7th of every month, encouraging farmers to take advantage of these sessions.

In the technical session, Dr. Gajanan Gadade provided detailed guidance to farmers on summer groundnut cultivation technology. He covered topics such as variety selection, intercropping, seed treatment, fertilizer management, weed and water management, and pest and disease management. He also noted that using the ridge-and-furrow method and plastic mulching for groundnut cultivation could increase yields by 25 to 30 percent. Dr. Amol Kakade, Scientist, Krishi Vigyan Kendra, Parbhani, guided the farmers on pest and disease management in rabi crops. He provided information on managing major pests and diseases in crops like chickpea, sorghum, and wheat using mechanical, physical, biological, and chemical methods. The success of the program was ensured by the dedicated efforts of all officials and staff from Krishi Vigyan Kendra, Parbhani, the Quality Cotton Production Project, and the Special Cotton Production Project. A large number of farmers attended the event.



Dr. Prashant Bhosale and Dr. Gajanan Gadade delivering a technical address to the farmers

Field Day for Pigeon Pea Crop Celebrated at Warna village

Krishi Vigyan Kendra, Parbhani organized a Field Day for the pigeon pea crop on January 16, 2025, at Warna, Taluka Jintur, District Parbhani, under the guidance of Dr. Prashant Bhosale, Senior Scientist and Head, Krishi Vigyan Kendra, Parbhani. To promote and disseminate technology, Krishi Vigyan Kendra, Parbhani, conducted frontline demonstration trials on integrated pest and disease management in pigeon pea crops on farmers' fields. Through these demonstrations, farmers were guided on adopting physical, mechanical, biological, and chemical methods for effective integrated pest and disease management.

During the Field Day event, farmers who adopted these practices shared their experiences, stating that the use of this technology reduced production costs and increased yields by 20%. They also expressed satisfaction with the reduced use of chemical pesticides due to the adoption of physical, mechanical, and biological methods. Farmers expressed their intent to apply integrated pest and disease management techniques to other crops in the future.



Krishi Choupal 4th Episode: Empowering Farmers at Ismailpur Village



On March 8, 2025, Krishi Vigyan Kendra, Parbhani, organized a live telecast of the 4th episode of Krishi Choupal at Ismailpur village, Parbhani Taluka, Parbhani District, from 2:00 PM to 4:00 PM. As part of the Adhunik Krishi Choupal initiative launched by Agriculture Minister Shivraj Singh Chouhan, this programme aimed to bridge the gap between agricultural research, modern technology, and farming communities, empowering farmers with knowledge and resources to enhance productivity and livelihoods.

The event, broadcast on DD Kisan, drew a significant turnout of farmers, women farmers, and local agricultural enthusiasts. The programme featured interactive sessions with agricultural scientists, extension officers, and progressive farmers. The focus was on modern farming techniques, including high-density planting, climate-resilient crops, and water-efficient practices, tailored to the needs of Parbhani's farming community.

Key discussions included the adoption of sustainable agricultural practices to combat environmental challenges and the effective use of government schemes like PM-KISAN, soil health cards, and crop insurance. Experts provided insights into improving cotton yields—a major crop in the region, market trends, weather forecasts, and soil health, receiving practical solutions from the panel. The event saw active participation from 250 farmers across Parbhani Taluka, fostering a sense of community and knowledge exchange. The programme concluded with a call to action for farmers to leverage government initiatives and sustainable practices to secure a prosperous future.

The 4th episode of Krishi Choupal at Ismailpur village underscored KVK Parbhani's commitment to rural development and agricultural innovation. By providing a platform for real-time information and farmer-scientist dialogue, the event empowered participants to make informed decisions, paving the way for a resilient and thriving agricultural ecosystem in Parbhani.

Celebration of International Women's Day - 2025



Considering the increasing participation of women in the decision making process of agriculture, Indian Council of Agricultural Research, New Delhi emphasizing on organization of various activities for farm women to celebrate "International Women's Day". Accordingly Krishi Vigyan Kendra, Parbhani Organized various programmes on 8 March 2025 at Ismailpur Tal, Dist. Parbhani

This programme was chaired by Mrs. Kavita Subhashrao Mane, Teacher, Zilla Parishad School, Ismailpur, whereas inauguration was done through auspicious handsof lead female farmer Mrs. Savita Bharat Raner. Dr. Kharwade A. R., SMS (Home Science), Dr. Usha Satpute, YP II, Spacial Project on Cotton, Mrs. Manisha Giri, PU Manager, BCI Cotton Connect Project and Dr. A.M. Kakade where present as chief speaker.

Introduction of this programme was given by Dr. Kharwade A. R., she gave detailed information about the changing nature of women's in agriculture sector, contribution of female farmers in the decision-making process in agriculture sector, establishment of female farmers group and opportunities for farm women in agricultural supplementary business.

The progressive female farmers Mrs. Savita Bharat Ranher, urged women to increase their participation in the decision-making process at family level. Similarly stated the importance of new technology in agriculture. Mrs. Kavita Subhashrao Mane, appealed to increase the contribution of women's in the development of the village. She also expressed her desire to set up female farmers group in the village.

Dr. Aruna Kharwade appealed female farmers to start small scale food processing unit to raise the economic level of farm families. She also emphasized not only the importance of nutri millets and nutrition garden in diet but also health and nutritional status of adolescent girls and female farmers.

Dr. Usha Satpute gave thorough information abouthow to take soil and water sample for lab testing and importance of soil and water testing. She gives information about cultivation of cotton through Dada lad technology. Whereas Mrs. Manisha Giri gave in-depth information about importance of natural farming and how to increase the level of organic carbon of soil through natural farming. On this occasion essay writing competition was organized for school going children as well as millet based recipe competition was organized for female farmers. Similarly school going girl's present small skit on prohibition of child mirage Act.

This programme was anchored by Mrs. Ashwini Deshmukh whereas vote of thanks was presented by Mrs. Malan Tarvate. All the officers and employees of Krishi Vigyan Kendras actively participated in the organization of Mahila Melawa.

Skill based training program on Processing Technology for PMFME beneficiaries

Krishi Vigyan Kendra, Parbhani organized training program under PM Formalisation of Micro food processing Enterprises Scheme (PM FME Scheme) on 25 January 2025. This training program was chaired by Mr. Ashok Jagtap, Project Officer, NULM, Nagar Parishad, Jintur Dist. Parbhani.

At the inauguration of this training program Mr. Ashok Jagtap detailed information about the differents chemes of Agriculture Department. Also requested to take maximum benefit from this training program and all schemes. Dr. Aruna Kharwade, SMS (Home Science), KVK, Parbhani introduced the detail training program and gave information about role of entrepreneurship development programme in processing sector and product development along with the process of making different value added products. Dr. B. M. Patil gave complete information about packaging, labeling, branding and marketing strategies of processed foods. Also gave in-depth guidance about Food Safety and Standards Authority Regulations. The said training program was organized by Pradhan Mantri Micro Food Processing Udyog Yojana from DSAO, NULM and DLTI, KVK, Parbhani.



Mr. Ashok Jagtap, Dr. B. M. Patil and Dr. Aruna Kharwade addressing the PMFME beneficiaries

Sericulture Training Program at Palodi Village

Krishi Vigyan Kendra, Parbhani, orgnaised a sericulture training program at Palodi village, Taluka Manwat, District Parbhani on March 20, 2025, under the guidance of Dr. Prashant Bhosale, Senior Scientist and Head, Krishi Vigyan Kendra, Parbhani. The Krishi Vigyan Kendra conducted a field trial on the impact of bioagents on silkworm maturity. As part of this, the t raining program was organized.

Dr. Amol Kakade, Subject Matter Specialist (Crop Protection), Krishi Vigyan Kendra, Parbhani, emphasized that farmers should achieve economic progress by cultivating mulberry and rearing silkworms to produce high-quality cocoons. He explained that using the bioagent "Sanpurna" in cocoon production technology ensures faster and uniform silkworm maturity, improving cocoon quality, increasing production, and fetching better market prices. Additionally, cocoons become available for sale a day earlier. During the program, the "Sanpurna" bioagent was distributed to the farmers, and a demonstration of its spraying technique was conducted. A large number of farmers from the village attended the program.



Dr. Amol Kakade with sericulture farmers

KVK Parbhani Promotes Modern Farming at the 5-Day Agricultural Exhibition of Krishi Sanjeevani Festival 2025

Krishi Vigyan Kendra (KVK), Parbhani, participated in a 5 days Agricultural exhibition in "District Agriculture Sanjeevani Festival, Parbhani" during February 14 to 18, 2025. This programme was jointly organised by the State Department of Agriculture Parbhani, Agriculture Technology Management Agency (ATMA), Parbhani and Sanjeevani Mitra Mandal. The main aim was to share information about new farming technologies and allied businesses with farmers to help them improve their productivity and income.

All the Scientists from KVK Parbhani, shared their knowledge regarding improved crop varieties, pest and disease control, soil and water management and allied activities like dairy farming, poultry, and beekeeping. Information about government schemes and financial support for farmers was also provided. In 5 days, a large number of farmers visited the KVK Stall, showing great interest in various topics. They actively sought information on improved crop cultivation, organic farming, water conservation techniques, and allied businesses. Several farmers also discussed their agricultural challenges with experts and received practical solutions.

Impact of KVK Parbhani's Stall

This Agricultural exhibition proved to be highly beneficial for farmers by providing valuable knowledge on modern farming techniques and allied businesses. It helped raise awareness about scientific farming methods and agricultural improvements. KVK Parbhani's participation played a key role in bridging the gap between research and practical farming. Farmers learned about technology-based agriculture, which is expected to improve both productivity and profitability. The exhibition strengthened the idea that using modern farming techniques can greatly boost farmers' earnings. Overall, KVK Parbhani's stall played an important role in spreading awareness and supporting farmers in adopting new agricultural advancements.



Dr. Prashant Bhosale, Dr. Imran Khan Aghai and Dr. Amol Kakade guiding the farmers at Exhibition.

Training Programme on Teat disinfection and Flumethrin drug

Krishi Vigyan Kendra Parbhani organized a one-day training program in Dharangaon village (Taluka: Parbhani) to improve the health of milking animals and increase milk production. The training focused on the importance of Teat disinfection after milking and the proper use of the Flumethrin drug to control external parasites on cattle. The program was successfully conducted under the guidance of Dr. Prashant Bhosale, Senior Scientist and Head of Krishi Vigyan Kendra, Parbhani. Dharangaon village is a well-known village in Parbhani district for milk production. Women here play a significant role in making dairy products like ghee and other items. As a result, farmers and women enthusiastically participated in the program.

During the training, Dr. Imran Khan Aghai, SMS (Animal Science) explained to the farmers the importance of adopting a scientific approach to maintain the health of milking animals. He emphasized that disinfection of Teat in Potassium permanganate solution after every milking session can prevent issues like subclinical Mastitis and teat infections, ensuring consistent milk production. Additionally, he provided detailed guidance on using Flumethrin drug to control external parasites such as ticks, insects, and blood-sucking pests. Proper use of this Flumethrin can improve the health of animals, help them gain weight, and increase their milk production capacity. A large number of farm women and farmers attended the program. They found it very useful and requested that similar initiatives be organized regularly in Dharangaon village.



शेतकऱ्यांचे अभिप्राय

- परभणी जिल्ह्यातील बहुतांश गावातील शेतकरी कृषि विज्ञान केंद्र, परभणीशी संलग्न आहेत. नवनविन तंत्रज्ञान शेतकऱ्यांच्या शेतात पोहचवून शेतकरी कशा प्रकारे चांगले उत्पादन घेईल हाच प्रयत्न कृषि विज्ञान केंद्राच्या माध्यमातून सर्व शास्त्रज्ञ करित असतात.
- कृषि विज्ञान केंद्राने आमच्या गावात राबविलेली प्रात्यक्षिके व प्रशिक्षणे यांच्या माध्यमातून संरक्षित शेती, गांडूळखत निर्मिती, सेंद्रिय शेती, कडधान्य व गळीत धान्यातील वाणांचा प्रसार, BBF तंत्रज्ञान, एकात्मिक पिक व्यवस्थापन, सधन कापूस लागवड, प्रक्रिया उद्योग या बाबींचा प्रसार व प्रसार मोठ्या प्रमाणात करण्यात आला आहे.
- कृषि विज्ञान केंद्र, परभणी येथील तज्ञांच्या मार्गदर्शनाखाली आमच्या गावात संरक्षित शेतीचा प्रसार झाला आहे. आमच्या गावामध्ये २० पॉलीहाऊस व १० शेडनेट हाऊसची उभारणी करण्यात आली असून त्यामध्ये घेण्यात येणा-या जरबेरा या फुलपिकाच्या माध्यमातून शेतकरी केवळ १० ते २० गुंट्यातून प्रति महिना ५० ते ६० हजार रुपये कमवित आहेत. तसेच कापसाच्या सधन लागवडीच्या तंत्रामुळे उत्पादनात मोठी वाढ झाली असून शेतकरी एकरी १६ ते १८ क्विंटल उत्पादन घेत आहेत. सेंद्रिय शेतीच्या माध्यमातून पूर्ण गावामध्ये गांडूळखत निर्मितीचे ५० हौद उभे करण्यात आले असून त्याचा वापर शेतीसाठी करत आहेत. त्यामुळे शेतीचा सेंद्रियकरव वाढण्यास मदत झाली आहे.
- फळबाग लागवड, परसबाग व परसबागेतील कोंबडी पालन, शेततळ्यातील मत्स्यपालन, रेशीम उद्योग, दुग्ध व्यवसाय या सह विविध बाबी आमच्या गावातील शेतकरी कृषि विज्ञान केंद्राच्या सहकार्याने आपआपल्या शेतात राबवत आहेत. यामाध्यमातून एकात्मिक शेतीचे एक चांगले मॉडेल आमच्या गावामध्ये झाले आहे.
- महिला सक्षमीकरण करण्याच्या दृष्टीने कृषि विज्ञान केंद्र, परभणीच्या माध्यमातून कौशल्य आधारित प्रशिक्षण कार्यक्रम, आरोग्य शिबिर इ. कार्यक्रम राबविले जातात. कौशल्य आधारित प्रशिक्षणे घेतलेल्या महिलांनी अत्यंत कमी भांडवलावर स्वयंपूर्ण होण्याच्या दृष्टीने मसाला उद्योग, हळद पावडर, पापड उद्योग, दाल मिल, चिक्की उद्योग इत्यादी व्यवसाय सुरू केले आहेत. त्या माध्यमातून महिलांना चांगले उत्पन्न मिळत असून महिला उद्योजिका तयार होत आहेत.

Success story on Backyard Poultry

Title : Empowering rural women through backyard Poultry farming

Background:

In rural India, economic independence and empowerment of women remain crucial challenges. The Krishi Vigyan Kendra (KVK) Parbhani initiated a program aimed at improving the livelihoods of rural women through backyard poultry farming. The Study focused on introducing the Kaveri poultry breed to 40 farm women across four villages in Parbhani district: Nagarjawla (ManwatTaluka), Dharangaon and Salapuri (ParbhaniTaluka), and Pimla (JinturTaluka). By integrating poultry farming into their daily routines, the initiative sought to provide women with an additional source of income and food security. One of the most inspiring success stories from this initiative is that of Sumitrabai Ginyaandev Hinge, a 50-year-old woman from Nagarjawla, who successfully adopted improved poultry farming practices and transformed her life.

Interventions:

Process:

The KVK Parbhani provided each woman with 50 Kaveri poultry chicks aged 15 days, after two weeks of brooding and two essential vaccinations (administered on the 7th and 14th day). In addition to distributing chicks, KVK conducted five training programs and demonstrations to equip the women with necessary skills and knowledge.

Initially, all the women in the program raised the poultry birds well, but some faced financial challenges due to the cost of feeding. Many of them found it difficult to bear the expense of commercial poultry feed, leading them to sell their birds after 2 to 3 months to recover costs. However, a few determined women, including Sumitrabai, adopted cost-effective feeding strategies and sustainable poultry management practices. These women focused on using locally available grains, farm by-products, and kitchen scraps to reduce feeding expenses while maintaining the health and productivity of their birds. Their persistence and strategic approach helped them successfully rear poultry, ensuring a sustainable source of income.

Technology:

To ensure the success of the program, KVK Parbhani implemented various technological interventions. Regular health checks and timely vaccinations were conducted to prevent diseases and maintain flock health. Proper housing management techniques were introduced, including adequate ventilation during summer and ensuring cleanliness. Balanced feeding practices were promoted, where women were trained to develop low-cost feed alternatives using kitchen scraps, locally available grains, and farm by-products. These measures helped optimize egg production and ensure sustainable poultry farming.

Impact:

Horizontal Spread:

Sumitrabai's success has inspired other women in her village and nearby areas to adopt backyard poultry farming. Seeing her achievements, many rural women have shown interest in learning and implementing similar techniques. KVK Parbhani has expanded its training programs to more villages, ensuring a wider reach and greater adoption of backyard poultry farming as a sustainable livelihood option.

Economic Gains:

Adopting the Kaveri breed has significantly improved egg production and income levels. Traditional local birds produced only 70-80 eggs per year, whereas the Kaveri breed increased production to 160 eggs per year. Sumitrabai's farm achieved a daily production of 25-30 eggs from her 50 Kaveri birds. She sells 20 eggs per day at ₹10 per egg, generating a daily income of ₹200 and a monthly income of ₹6,000. This steady income has enhanced her family's financial stability and enabled investments in essential needs and future expansion.

Outcome:

Sumitrabai Ginyaandev Hinge's journey in backyard poultry farming with the Kaveri breed exemplifies the potential of women's empowerment through sustainable agricultural practices. Her success serves as a model for other rural women, demonstrating that with proper knowledge, training, and dedication, backyard poultry farming can be a viable and profitable livelihood option. This initiative not only uplifted individual families but also contributed to economic development in the community, promising a brighter future for rural women in rural area.

Success of Sumitrabai Ginyaandev Hinge

Parameter	Details
Name	Sumitrabai Ginyaandev Hinge
Village	Nagarjawla
Taluka	Manwat
District	Parbhani
Age	50 years
Occupation	Farm woman
Poultry Birds	150 birds including chicks
Daily Egg Sale	20 eggs
Daily Income	Rs. 200
Monthly Income	Rs. 6,000
Annual Income	Rs. 72,000

Comparison between Desi birds and Kaveri birds:

Parameter	Desi Birds	Kaveri Birds
Annual Egg Production	70-80 eggs	Up to 160 eggs
Daily Egg Production (50 birds)	10-12 eggs	25-30 eggs
Daily Egg Sale	8-10 eggs	20 eggs
Price per Egg (Rs.)	7-8 Rs.	10 Rs.
Daily Income (Rs.)	70-80 Rs.	200 Rs.
Monthly Income (Rs.)	2,100-2,400 Rs.	6,000 Rs.



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e-NEWS LETTER

KVK Parbhani Quarterly e-Newsletter, Issue #01, Jan - Mar, 2025
Publication No. KVK Parbhani/PUB/31/2025
CAR-KRISHI VIJYAN KENDRA, PARBHANI



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