

ग्रामीण कृषि मौसम सेवा समाचार

GKMS-News



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Agricultural Meteorology Division
India Meteorological Department
Ministry of Earth Sciences

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National Activities

- All the Scientists of AASD, IMD, New Delhi attended an event on “Launch of Gram Panchayat-Level Weather Forecast” in collaboration with the Ministry of Panchayati Raj (MoPR) at Vigyan Bhawan, New Delhi on 24th October 2024.
- All the Scientists of AASD, IMD, New Delhi attended the Memorandum of Understanding (MoU) signing ceremony between the Ministry of Rural Development (MoRD) and India Meteorological Department (IMD) at the at the Unnati Conference Hall, Krishi Bhawan, New Delhi on 30th October 2024.
- **Dr. Kripan Ghosh, Scientist-F & Head, Dr. Ashutosh Kumar Misra, Scientist-D, Dr. Jaya Dhami Parihar, Scientist-D and Dr. Asha Latwal, Scientist-C, Agrimet Division, IMD, Pune** attended “The Anna Mani Memorial Lecture” organized by CRS, IMD, Pune to commemorate 150 years of IMD’s dedicated service to the nation at Meghdoot Hall, IITM, Pune on 31st December 2024.

Meetings / Workshops/ Seminars/ Trainings attended by officers of Agromet Advisory Services Division (AASD), New Delhi, Agrimet Division, Pune, RMCs/MCs, Agromet Field Units (AMFUs) and District AgroMet Units (DAMUs):

- **Dr. D. S. Pai, Scientist-G & Head, AASD, IMD, New Delhi** attended the following:
 - Hybrid launch event of the “WMO State of Global Water Resources report 2023” on 7th October 2024.
 - “Stakeholder Meeting” at Thiruvananthapuram on 16th October 2024.
 - “ESSO Review Meeting” at Thiruvananthapuram during 17-18 October 2024.
 - Meeting convening on “Early Warning to Early Action” at Bhubaneswar, Odisha on 19th November 2024.
 - Brainstorming workshop on “Mission Mausam: Forecast to Field (Techniques and Targets for Amrit Kaal)” organized jointly by Association of Agrometeorologists (AAM), Anand, Gujarat

and Division of Agricultural Physics, Indian Agricultural Research Institute (IARI), New Delhi on 28th November 2024.

- “TROPMET-2024” at National Institute of Technology (NIT), Rourkela, Odisha during 10-12 December 2024.
- **Dr. D. S. Pai, Scientist-G & Head** and **Dr. Sheshakumar Goroshi, Scientist-E, AASD, IMD, New Delhi** attended one-day brainstorming session on “Soil Moisture Measurements to Modeling and Scaling (SoM2Ms)” at IITM, Pune on 26th November 2024.
- **Dr. Kripan Ghosh, Scientist-F & Head (Agrimet), O/o CR&S, IMD, Pune:**
 - Attended XXXIII Board of Studies meeting in “Agricultural Meteorology Discipline” at Department of Agricultural Meteorology, College of Agriculture, Pune on 27th November 2024.
 - Attended online meeting of Regional Association II (Asia) Expert Team on Agriculture Services (RA II ET-AGR) on “Weather-Based Advisory Services” on 29th November 2024.
 - Attended popular talk on “Water Cycle Changes in a Globally Warming Climate” by Dr. R. Krishnan, Director, IITM, Pune at Pisharoty Hall, IITM on 13th December 2024.
 - Attended meeting with RBI officials to discuss “Various scientific and technical aspects” under the chairmanship of Head, CR&S, IMD, Pune on 17th December 2024.
 - Acted as a convener to organise “The Anna Mani Memorial Lecture” to commemorate 150 years of IMD’s dedicated service to the nation at Meghdoot Hall, IITM, Pune on 31st December 2024.
- **Dr. Sheshakumar Goroshi, Scientist-E, AASD, IMD, New Delhi** attended the following:
 - The joint regional project launch by the Ministry of Environment, Forest and Climate Change (MoEFCC) and the World Food Programme (WFP) titled “Strengthening Resilience of Vulnerable Communities to Increased Impacts of Climate Change in India and Sri Lanka” (ADAPT4R) at Juniper Hall, India Habitat Centre, Lodhi Road, New Delhi on 21st October 2024.
 - Meeting under the chairmanship of AS (NRM), DA & FW to finalize and approving the draft report on “Streamlining Disseminating of Agromet Advisories to famers” on 24th October 2024.
 - International Science Workshop on “High-Resolution Thermal Earth Observation” at Space Applications Centre (SAC), Ahmedabad during 19-20 November 2024.
 - WMO-RA II Working Group (ET-AGR) meeting to review Weather-Based Advisory Services and presented on “Advancing Agrometeorological Services for Sustainable and Resilient Farming” on 29th November 2024.
- **Dr. Kripan Ghosh, Scientist-F & Head (Agrimet), O/o CR&S, IMD, Pune** and **Dr. Sheshakumar Goroshi, Scientist-E, AASD, IMD, New Delhi** attended 19th meeting of “Project Monitoring and Advisory Committee (PMAC) of IMD” to monitor the periodic progress of the projects under ACROSS-IMD and to suggest suitable remedial measures for successful implementation of the activities on 13th November 2024.
- **Dr. Kripan Ghosh, Scientist-F & Head** and **Dr. Ashutosh Kumar Misra, Scientist-D, Agrimet Division, IMD, Pune** attended Virtual Press Conference on “Monthly Rainfall and Temperature Outlook for November 2024” addressed by Dr. M. Mohapatra, DG, IMD, New Delhi on 1st November 2024.

➤ **Dr. Kripan Ghosh, Scientist-F & Head, Dr. Ashutosh Kumar Misra, Scientist-D, Agrimet, IMD, Pune and Dr. Asha Latwal, Scientist-C, Agrimet Division, IMD, Pune** attended the following:

- “Joint IMD Winter preparedness meeting” under the chairmanship of Dr. M. Mohapatra, DG, IMD, New Delhi on 4th November 2024.
- “Launch event of RISE@CRS” and invited talk on “Hydrology, Hydroclimatology and Hydrometeorology: Scopes at IMD Pune for Better Hydrological Services and Disaster Risk Reduction” delivered by Dr. Pulak Guhathakurta, Former Scientist G, CR&S, Pune at CR&S, IMD, Pune on 19th November 2024.
- “Regional Resilience Data and Analytics Service (RDAS) Training cum Community of Practice (CoP) Workshop” organized by Regional Integrated Multi-Hazard Early Warning System (RIMES) with support from the World Bank through virtual platform on 26th November 2024.
- Virtual Press Conference on “Seasonal outlook for cold weather season December 2024 to February 2025 and Monthly outlook for Rainfall and Temperature for December 2024” addressed by Dr. M. Mohapatra, DG, IMD, New Delhi on 2nd December 2024.
- Meeting with Shri Vishvajit Sahay, Additional Secretary and Financial Advisor (AS&FA), DST, DBT and MoES at CR&S, IMD, Pune on 13th December 2024.
- Invited talk on “New Generation Global Framework for Climate Services” by Dr. Rupa Kumar Kolli, Honorary Scientist, International Monsoons Project Office and Member, WMO Standing Committee on Climate Services as a part of RiSE@CRS Invited Lecture Series on 19th December 2024.

➤ **Dr. Sheshakumar Goroshi, Scientist-E, AASD and Dr. A. P. Ramaraj, Scientist-D, AASD, IMD, New Delhi** attended the following:

- Meeting of “WINDS working groups of IMD” to discuss the progress on actions taken on 20th December 2024.
- Meeting to provide data inputs on the “Mission for Science and Technology-Based Sustainable Livelihood Systems” organized by the Ministry of Earth Sciences (MoES) on 30th December 2024.

➤ **Dr. Ashutosh Kumar Misra, Scientist-D, Agrimet Division, IMD, Pune** attended the following:

- Virtual Press Conference on “Salient features of Southwest Monsoon 2024 and Forecast for October-December 2024” addressed by Dr. M. Mohapatra, DG, IMD, New Delhi on 1st October 2024.
- “Annual Monsoon Workshop 2024” organized by the Indian Meteorological Society Pune (IMSP) at Savitribai Phule Pune University (SPPU) on 18th October 2024.

➤ **Dr. Ashutosh Misra, Scientist-D and Dr. Asha Latwal, Scientist-C, Agrimet Division, IMD, Pune** attended the popular talks on following topics through virtual mode:

- “Modelling of Coastal Inundation due to Tropical Cyclones: A Comprehensive Approach” by Prof A D Rao, Emeritus Professor, IIT Delhi in virtual mode on 23rd October 2024.
- “Climate Change and Sustainability” by Dr. Madhavan Nair Rajeevan, Vice Chancellor, Atria University and Former Secretary, MoES on 4th November 2024.

- “Tropical cyclones in the Bay of Bengal and objective methods for prediction of track and intensity” by Prof. U. C. Mohanty, Distinguished Professor, Centre for Climate Smart Agriculture (CCSA), Siksha 'O' Anusandhan (SOA), Bhubaneswar on 5th November 2024.
 - “Collaboration of IMD and IIT Delhi on Monsoon Research” by Prof. (Retd.) O. P. Sharma, Centre for Atmospheric Sciences, IIT, Delhi on 6th November 2024.
 - “Role of Satellites in Meteorology” by Dr. V. K. Dadhwal, Chair Professor, National Institute of Advanced Studies (NIAS), Bengaluru on 11th November.2024.
 - “Characterization of Climate Change Triggered Rainfall Extremes: Impacts and Risk Landscape Perspectives” by Dr. K. J. Ramesh, Senior Advisor, RIMES and Former DG, IMD on 11th November 2024.
 - “Onset of Indian Northeast Monsoon and the associated movement of Equatorial Trough Cloud Zone over Bay of Bengal” by Dr. Y.E.A. Raj, Scientist-F & Dy. Director General of Meteorology (Retd.), Regional Meteorological Centre, Chennai on 16th December 2024.
 - “Actionable Climate Information and Modeling of Climate System” by Prof. Sushil Kumar Dash, Former Head, Centre for Atmospheric Sciences (CAS), IIT, Delhi on 17th December 2024.
- **Dr. A. P. Ramaraj, Scientist-D, AASD, IMD, New Delhi** attended the following:
- Combined review meeting of the “Crop Weather Watch Group (CWWG) and Drought Management” under the chairmanship of Secretary, Department of Agriculture and Farmers Welfare (DA&FW) at Krishi Bhawan, New Delhi on 28th October 2024.
 - Online meeting of “Agriwatch”, Department of Consumer Affairs, Ministry of Consumer Affairs on 1st, 15th & 29th October and 5th, 12th, 19th & 26th November 2024 and presented the weekly weather update in every meeting.
- **Dr. Lata Vishnoi, Scientist-D, AASD, IMD, New Delhi** attended the meetings of the “Crop Weather Watch Group (CWWG)” under the chairpersonship of Agriculture Commissioner, DA&FW on 7th, 14th & 22nd October, 4th, 11th, 18th & 25th November and 2nd, 9th, 16th & 24th December, 2024.
- **Dr. Asha Latwal, Scientist-C, Agrimet Division, IMD, Pune** attended an online meeting regarding “Establishment of the Youth Forum of IMD to scatter the meteorological knowledge and awareness over the country” under the chairmanship of DG, IMD, New Delhi on 10th October 2024.
- **Dr. Kailas K. Dakhore, Principle Nodal Officer, AMFU, Parbhani, Maharashtra:**
- Attended a meeting under the chairmanship of Deputy Secretary, Agriculture, Govt. of Maharashtra regarding “the Centre of Excellence and Climate Change Project” at Mumbai on 11th October 2024 and 5th December 2024.
 - Attended the meeting of “76th Departmental Agricultural Research and Extension Committee” at Chhatrapati Sambhajnagar, Maharashtra on 22nd October 2024 and presented the weather report for 2024.
 - Attended the pre-workshop tutorial and International Science Workshop on “High-Resolution Thermal Earth Observation” at SAC, ISRO Ahmedabad, India during 17-21 November 2024.
 - Attended the “Biennial Workshop of AICRP on Agrometeorology (AICRPAM)” and “Annual Review Meeting of NICRA-AICRPAM” at Dr. Rajendra Prasad Central Agricultural University

(RPCAU), Pusa, Samastipur, Bihar during 11-14 December 2024 and presented the annual progress report of AICRPAM and NICRA-AICRPAM.

- **Dr. Ranbir Singh Rana, Nodal Officer** and **Dr. Ranu Pathania, Technical officer, AMFU, Palampur, Himachal Pradesh** attended Consultation workshop on “Agriculture Mission of SAPCC 2.0 as a part of India German Cooperation and CAFRI” at Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya (CSKHPKV), Palampur, Himachal Pradesh on 20th December 2024.

Lectures

- **Dr. Sheshakumar Goroshi, Scientist-E, AASD, IMD, New Delhi:**
 - presented a talk entitled “A Comparative Study of Sensor-Based, Satellite, and Gravimetric Methods for Soil Moisture Monitoring” during one-day brainstorming session on “Soil Moisture Measurements to Modeling and Scaling (SoM2Ms)” at IITM, Pune on 26th November 2024.
 - presented a paper titled “Advancing Agrometeorological Services for Sustainable and Resilient Farming” at the International Science Workshop on “High-Resolution Thermal Earth Observation” at SAC, Ahmedabad during 19-20 November 2024.
- **Dr. Ashutosh Kumar Misra, Scientist-D, Agrimet Division, IMD, Pune** delivered an invited talk on “Agricultural Aspects of SW Monsoon 2024” at the Annual Monsoon Workshop 2024 organized by IMSP at Savitribai Phule Pune University on 18th October 2024.
- **Dr. Asha Latwal, Scientist-C, Agrimet Division, IMD, Pune** delivered an invited lecture on “Agrimet Services of IMD” in “Joint Techno-Scientific Brainstorming session with stakeholders” organised by IMS, Pune at Shrimane Hall, Agriculture college, Pune on 21st December 2024.
- **Dr. Kailas K. Dakhore, Principle Nodal Officer, AMFU, Parbhani, Maharashtra** delivered a lecture on “Adaption of Thermal Remote Sensing into Agrometeorological Advisories for Farmers for Sustainable Agricultural Growth” in the pre-workshop tutorial and International Science Workshop on “High-Resolution Thermal Earth Observation” and at SAC, Ahmedabad during 17-21 November 2024.
- **Scientists of Agrimet Division, IMD, Pune** delivered lectures on following topics during the Customized Intermediate to Advance training on “Basic Observation and Weather forecasting” for the officials of National Centre for Hydrology and Meteorology (NCHM), Bhutan, organized by MTI, CR&S, Pune:
 - “Introduction to Agricultural Meteorology and Crop Weather Relationship” and “Agromet Advisory Services in India” by **Dr. Ashutosh Misra, Scientist-D.**
 - ‘Agrometeorological Instruments’ and ‘Various agromet products and their applications for appropriate decision making in Agricultural operations’ - by **Dr. Asha Latwal, Scientist-C.**

Publications

- **Dr. Sheshakumar Goroshi, Scientist-E, AASD, IMD, New Delhi:** Dhruvi P. Phadke, Amrita N. Chaurasia, **Sheshakumar Goroshi**, Mohan Ram, C. P. Singh, Bimal K. Bhattacharya and N. S. R. Krishnayya. (2024). Comparing two sensor data to perceive landscape phenology dynamics at Gir Wildlife Sanctuary, Gujarat, India. *Current Science*, 127 (11): 1357-1362.

- **Smt. Priyanka Singh, Scientist-D, AASD, IMD, New Delhi: P. Singh, R. K. Mall and K. K. Singh.** (2024). District wise spatiotemporal analysis of precipitation trend during 1900-2022 in Bihar state, India. *Mausam*, 75 (4): 1059-1070.
- **Dr. Ranbir Singh Rana, Nodal Officer and Dr. Ranu Pathania, Technical officer, AMFU, Palampur, Himachal Pradesh: Sahil Salaria, R. S. Rana, Garima Chauhan, Tarun Sharma, Ranu Pathania and Priyanka.** (2024). Effect of Sowing Dates and Wheat Cultivars on Agro Meteorological Indices of Wheat under Conditions of North-western Himalayas, India. *International Journal of Plant & Soil Science*, 36(10): 282-289.
- **Dr. Naushad Khan, Nodal Officer and Shri. Ajay Kumar, Technical Officer, AMFU Kanpur, Uttar Pradesh:**
 - Shailendra Pratap Singh, C. L. Maurya, **Naushad Khan**, Bal Veer Singh, Kaushal Kumar and Sarvesh Kumar. (2024). Productivity and economic feasibility of Pigeonpea base companion cropping under additive series planting system. *Journal of Advances in Biology & Biotechnology*, 27(5): 277-280.
 - Shivendra Singh, Pradeep Kumar, Dhruvendra Singh Sachan, **Naushad Khan.** (2024). Crop Residue Management for Sustainable Agriculture. In: Dey, S; Verma, K; Rohit; Zine, P. L.; Balo, S. and Kumar, H. (eds). *Climate Change and Agriculture - Its Impact and Mitigation Potential*. Kripa-Drishti Publications, Pune (pp. 144-157), ISBN: 978-81-973427-0-7.
 - अंकित तिवारी, मो. जफर सिद्दीकी, शिवम सिंह, बलवीर सिंह एवं **अजय कुमार** (अक्टूबर 2024)। मृदा स्वास्थ्य को बनाये रखने हेतु कृषि सस्य क्रियायें। कृषि कुंभ, हिंदी मासिक पत्रिका, खण्ड 04, भाग 05, पृ.सं. 46-47, E-ISSN: 2582-9769.
 - अंकित तिवारी, जगन्नाथ पाठक, **नौशाद खान**, संजीव कुमार एवं **अजय कुमार** (दिसंबर 2024)। मौसम परिवर्तन का कृषि पर प्रभाव। कृषि कुंभ, हिंदी मासिक पत्रिका, खण्ड 04, भाग 07, पृ.सं. 11-12, E-ISSN: 2582-9769.
- **Prof. Dillip Kumar Swain, Nodal Officer and Dr. Poonam Biswal, Technical Officer, AMFU, Kharagpur, West Bengal: Poonam Biswal, Ahmad Faisal, Suchismita Tripathy, Dillip Kumar Swain, Madan Kumar Jha and Geetha Mohan.** (2024). Influence of drip irrigation and straw mulching on economic feasibility and soil fertility of rice-potato system in subtropical India. *Irrigation Science*. DOI: <https://doi.org/10.1007/s00271-024-00951-5>
- **Dr. S. K. Bhardwaj, Principle Nodal Officer, Dr. M. S. Jangra, Nodal Officer, Dr. Purnima Mehta, Technical officer, AMFU , Solan, Himachal Pradesh:**
 - Prakriti Dadial, **M. S. Jangra, S. K. Bhardwaj, Purnima Mehta** and Akanksha Klate. (2024) Impact of western disturbances on stone fruits in Mid Hill Zone of Himachal Pradesh. *Indian Journal of Ecology*. 51(5): 1085-1088.
 - Prakriti Dadial, **M. S. Jangra and Purnima Mehta.** Effect of weather parameters on stem rot incidence of capsicum under different growing Environment in Solan district of Himachal Pradesh [Abstarct]. In: Symposium on “Transforming Agrifood Systems in face of Climate Changes and Energy Transitions”, November 12-15, 2024, Punjab Agricultural University, Ludhiana, Punjab.
- **Dr. Kailas K. Dakhore, Principle Nodal Officer, AMFU, Parbhani, Maharashtra:**
 - A. A. Khatal, A. B. Jadhav, **K K. Dakhore** and Y. E. Kadam. (2024). Impact of dry spell at different growth stages on morpho-physiology and yield of soybean. *International Journal of Research in Agronomy*, 7(10): 512-516.

- R.S. Sayyad, S. V. Phad and **K. K. Dakhore**. (2024). Analysis of Rainfall Variability and Probability in Parbhani District, Maharashtra, India. *International Journal of Environment and Climate Change*, 14 (7): 131-140.
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Awareness Programme

Farmers Awareness Programme (FAP)

Farmers' Awareness Programme (FAP) are being organized in different states by India Meteorological Department (IMD), Agromet Field Units (AMFUs) and District Agromet Units (DAMUs) with objectives of creating awareness about the usefulness of Agromet Advisory Services (AAS) and weather/climate information among the farming community and also to help to increase the interaction between the local farming communities and the Meteorological Centres (MCs), AMFUs and Krishi Vigyan Kendras (KVKs). Officers also explained the MEGHDOOT and DAMINI Application during the FAP. MEGHDOOT is a joint initiative of the IMD and Indian Council for Agriculture Research (ICAR) to bring high-resolution weather forecast-based Agromet Advisories to farmers in the vernacular. The MEGHDOOT App allows farmers and interested users to access these advisories in a user-friendly manner. Indian Institute of Tropical Meteorology (IITM), Pune developed a Mobile App called "DAMINI" to give alerts on impending lightning activity over the area and The DAMINI App is available from Play Stores. During the FAPs, mobile numbers of farmers were collected to register in mkisan portal.

AMFUs and DAMUs organized 6 FAPs during October to December 2024. 3 FAPs were organized by 2 AMFUs and 3 FAPs were organized by 2 DAMUs. The details have been given in Annexure I.

Field visit

Officers of IMD, AMFUs and DAMUs made field visits to monitor the standing crop coverage and Pests and Diseases attack on the standing crops and to suggest its control measures. They also made aware the farmers about the use of Weather-based Agromet Advisories and their importance in increasing farm productivity. They explained activities under the GKMS project to the farmers. Officers gave detailed information of Farmers' registration in m-kisan Portal and SMS service, the usefulness of MEGHDOOT application and DAMU project. The details of field visits during October to December 2024 have been provided in Annexure II.

Other Awareness Programme

AMFUs and DAMUs participated in different awareness programmes like Kisan Mela, seed day, World Soil day etc. to inform about activities under the GKMS project to the farmers. Officer of GKMS Unit briefed about the usefulness of Agromet Advisory Bulletins, mKisan portal, and MEGHDOOT App. They displayed different types of charts that depicted the role of importance of agrometeorological information in Agricultural Sciences and for the farmers. Most of the Meteorological surface observation instruments were also put on display. During the melas, farmers were motivated to register

themselves on mkisan portal. AMFUs/ DAMUs disseminated leaf let on Agromet Advisory Services and create awareness about the Climate Smart Agriculture and Use of Digital Gadgets.

Other Awareness Programme conducted during the period:

➤ **AMFU Kanpur, Uttar Pradesh** participated in “Kisan Mela” at AMFU Kanpur during 8-10 October 2024. Meghdoot app was installed in farmers mobiles and farmers have been added in various whatsapp groups with the help of scanning QR code. Total 550 farmers visited the stall of AMFU, Kanpur.



➤ **AMFU, Kharagpur, West Bengal** conducted “Kisan Mela” and “Farmer training program” at Agricultural and Food Engineering Department, IIT Kharagpur on 13th November 2024. During the programme various farmers have been integrated into the WhatsApp groups, allowing for continuous communication and support.

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Photos of FAPs

			
FAP by AMFU, Gosaigaon, Assam	FAP by AMFU, Roorkee, Uttarakhand	FAP by AMFU, Kukumseri, Himachal Pradesh	FAP by AMFU, Kharagpur, West Bengal

Photos of Field visits and other programmes

	
Field visit by AMFU, Kalyani, West Bengal	Field visit by AMFU, Seobagh, Himachal Pradesh

Annexure I

Total 3 FAPs conducted by 2 AMFUs during the period 01-10-2024 and 31-12-2024

Name of the State	Name of AMFU	Name of the District	Name of the Block	Village Name	Date of FAP	No of Farmers Attended FAP	No. of Farmers using Meghdoot App
Assam	Gosaigaon	Kokrajhar	Gossaigaon	Rangapara	27-11-2024	35	5
			Golakganj-Btc	Haripur	19-12-2024	50	3
Uttarakhand	Roorki	Haridwar	Narsen	Gadhaurona	30-11-2024	50	5

Total 3 FAPs conducted by 2 DAMUs during the period 01-10-2024 and 31-12-2024

Name of the State	Name of DAMU	Name of the District	Name of the Block	Village Name	Date of FAP	No of Farmers Attended FAP	No. of Farmers using Meghdoot App
Maharashtra	Washim	Washim	Karanja	Vilegaon	07-12-2024	52	12
			Karanja	Wapti	12-12-2024	64	10
Rajasthan	Jalore	Jalore	Jalore	Keshwana	20-12-2024	27	5

Annexure II

Field visits conducted during the period October to December 2024:

State	AMFU	Place	Date
Himachal Pradesh	AMFU, Seobagh	Deni Dhar Village, Kullu Block, Kullu District	09.12.2024
		Kias Village, Kullu Block, Kullu District	10.12.2024
		Mankhari Village, Kullu Block, Kullu District	11.12.2024
		Jia Village, Kullu Block, Kullu District	12.12.2024
		Premgarh Village, Kullu Block, Kullu District	13.12.2024
		Tharman Village, Kullu Block, Kullu District	14.12.2024
West Bengal	AMFU, Kalyani	Karimpur-1, Karimpur-2, Chakdah, Chapra, Tehatta-1 and Tehatta-2 Blocks	14.09.2024 to 16.09.2024
		Gainpara Village, Tarinipur Mauza of Kalyani Block, Nadia District	25.12.2024
		Mollabelia Village, Haringhata Block, Nadia District	25.12.2024