

ग्रामीण कृषि मौसम सेवा समाचार

GKMS-News



Quarterly Newsletter
Volume-8, Number-3, July- September, 2020

Agricultural Meteorology Division
India Meteorological Department
Ministry of Earth Sciences

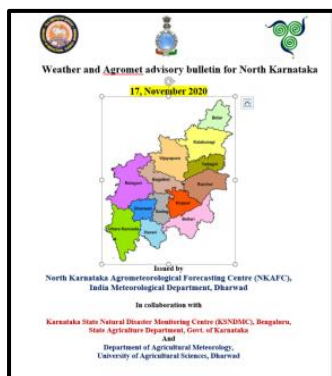
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National Activities

New Initiatives

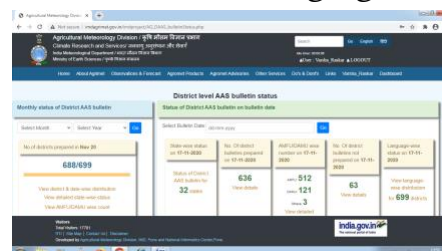
- India Meteorological Department (IMD) in collaboration with University of Agriculture Sciences (UAS) Dharwad and Karnataka State Natural Disaster Monitoring Centre (KSNDMC), Bangalore has established North Karnataka Agrometeorological Forecasting Centre (NKAFC) in the premises of UAS, Dharwad exclusively to serve the farming



community in North Karnataka with respect to weather needs and related agricultural operations. The centre has been functional and issuing weekly Agromet Advisory Service (AAS) bulletins based on medium range and extended forecast from 11th August 2020.

The centre also organises frequent meeting among Stakeholders for technical briefing and issuing the alerts and warnings along with suitable Agromet Advisories for benefit of farming community. The centre has also released leaflets and pamphlets about the activities in Kannada language to the farmers.

- Agrimet Division, IMD, Pune has created “Dashboard” in the website of Agrimet Division (<https://imdagrimet.gov.in>) to



view the status of Districts level Agromet Advisory Services bulletins uploaded by Agromet Field Units (AMFUs) and District Agromet Units (DAMUs) on every Tuesday and Friday.

- **“Dos and Dont’s”** for the extreme weather events (cyclone, drought, flood, cold / heat wave, thunderstorm / lightning) for general public and agriculture have been prepared and uploaded in the website of Agrimet Division (<https://imdagrimet.gov.in>).
- In Phase-I, **163** Subject Matter Specialists (SMS) have been recruited at DAMUs till September 2020. A list of additional 200 DAMUs (Phase-II) has been communicated to ICAR to initiate the preparatory work at KVKs. 1862 block level AAS Bulletins (592 Block level Agromet Advisories by AMFUs and 1270 Block level Agromet Advisories by DAMUs) are prepared.
- Online short term Training Courses on “Preparation and Dissemination of Agromet Advisories at Block level under GKMS scheme” were organized jointly by IMD and Indian Council of Agricultural Research (ICAR) for Subject Matter Specialists (Agromet) & Observers of 25 DAMUs in KVKs from 27th July – 1st August 2020 and from 24th – 30th September 2020.
- Online Review meeting of activities of DAMUs under GKMS scheme were organized through video conferencing by ICAR-ATARIs to review the progress made on various activities of GKMS and finalize work plan for next year for effective implementation of GKMS as given below.
 - ATARI Jabalpur for Chhattisgarh and Madhya Pradesh on 3rd July 2020.
 - ATARI Kolkata for West Bengal and Odisha on 21st July 2020.
 - ATARI Guwahati for Assam, Arunachal and Sikkim on 24th July 2020.
 - ATARI Patna for Bihar and Jharkhand on 28th July 2020.
 - ATARI Kanpur for Uttar Pradesh on 25th August 2020.
 - ATARI, Pune, for Maharashtra, Goa and Gujarat on 3rd September 2020.
 - ATARI Jodhpur for Rajasthan, Haryana and New Delhi on 7th September 2020.
 - ATARI, Barapani for Manipur, Mizoram, Nagaland and Tripura on 8th September 2020.
 - ATARI Hyderabad for Andhra Pradesh, Telangana and Tamil Nadu on 9th September 2020.
 - ATARI Bengaluru for Karnataka and Kerala on 15th September 2020.
 - ATARI Ludhiana for Jammu and Kashmir, Himachal Pradesh, Punjab, Uttarakhand, on 22nd September 2020.
- Meeting was conducted on 16th September 2020 to review progress of GKMS activities performed by AMFUs / DAMUs under Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalya (RVSKVV), Gwalior, Madhya Pradesh and to prepare roadmap to improve the performance in current Financial Year.
- Module in Agromet DSS has been created for quantification of Whatsapp group formed by the AMFUs / DAMUs.
- You Tube channel has been created for India Meteorological Department related to Gramin Krishi Mausam Sewa (GKMS).
- Arrangement has been made for Real time feedback collection from the farmers through Google form; similarly, end of season feedback form has also been circulated among the units for feedback collection.

Meetings /Workshop/Seminar/Training attended by officers of AASD, New Delhi; Agrimet, Pune; RMCs/MCs, AMFUs and DAMUs.

- **Dr. K. K. Singh, Head (Agromet) and Scientist-G, AASD, IMD, New Delhi** attended the following meetings:
- The 4th meeting of National Level Monitoring Committee (NLMC-2020) constituted under revamped Pradhan Mantri Fasal Bima Yojana (PMFBY) & Revised Weather Based Crop Insurance Scheme (RWBCIS) on 15th July 2020 under the Chairmanship of Secretary, Department of Agriculture Cooperation & Farmers Welfare (AC&FW), New Delhi.
 - Meeting on “Finalization of crop advisories under Meghdoot scheme under Department of Agriculture, Government of Bihar” organized on 17th July 2020 for the farmers of Supaul, Nalanda and East Champaran using dense AWS network data.
 - The Associated Chambers of Commerce of India’s (ASSOCHAM) Webinar session on “One nation–One Agriculture Market” for doubling farmer’s income organized on 17th July 2020.
 - Online workshop on “Interventions for Agriculture and Food processing sector post Covid-19 pandemic” organized by Technology Information, Forecasting and Assessment Council (TIFAC) on 29th July 2020 as a follow-up to release of White paper on “Focused Interventions for ‘Make in India’ – post COVID-19” by Dr. Harsh Vardhan, Hon’ble Minister for Science & Technology, Health and Family Welfare and Earth Sciences on 10th July 2020.
 - Online Farmers Awareness Programme (FAP) organized on 27th August 2020 by AMFU, Roorkee, Uttarakhand.
 - Participated in selection committee for recruitment of SMS-Agromet under Odisha University of Agriculture and Technology (OUAT), Bhubaneswar during 17th – 18th August 2020 for 9 DAMUs at KVKs in Odisha.
 - Meeting on “Issuing block level weather and crop specific advisories to farmers under Meghdoot scheme using dense AWS network data and IMD forecast” organised by Department of Agriculture, Government of Bihar for the farmers of Supaul, Nalanda and East Champaran districts of Bihar on 28th August 2020 and on 16th September 2020. Official from MC Patna also attended.
 - Meeting of Expert committee for Pradhan Mantri Fasal Bima Yojana (PMFBY) pilot studies under the Chairmanship of Dr. V. K. Dadhwal, Director, Indian Institute of Space Science and Technology (IIST) on 31st August 2020 to discuss –
 - Pilot Studies for Gram Panchayat level yield estimation.
 - Protocol for technology based yield estimation.
 - Involvement of national agencies (ISRO& ICAR) in the pilot Studies etc.
 - Meeting to review progress of GKMS activities performed by AMFUs / DAMUs under RVS Krishi Vishwa Vidyalaya, Gwalior, Madhya Pradesh on 16th September 2020 and roadmap to improve it in current FY. This meeting was also attended by **Smt. Priyanka Singh, Scientist-C, AASD, IMD, New Delhi.**

- Video Conference to discuss the arrangements for procurement of paddy / rice and coarse grains during the ensuing KMS 2020-21 (*Kharif* Crop only) on 11th September 2020 organized by Department of Food and Public Distribution.

➤ **Dr. S. D. Attri, Scientist-G, AASD, IMD, New Delhi** attended the following meetings:

- South-West Asia Technical and Operational Coordination (SWAC-TOC) weekly meetings on Desert Locust Information System co-ordinated by FAO Rome and presented existing and future weather scenario.
- Meeting of Project Coordinators for implementation of important activities under ACROSS-IMD, chaired by secretary, MoES on 2nd September 2020.
- Meeting of Recruitment Committee for selection of SMS (Agromet) and Agromet Observer for Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad on 5th September 2020.
- Annual Review Meeting of ATARI Zone XI, Bengaluru on 23rd September 2020.

➤ **Dr. Kripan Ghosh, Head (Agrimet) & Scientist-F, IMD, Pune** attended the following online meetings :

- Review meeting of project Scientists (B & C) organized by DGM Office, New Delhi on 6th August 2020.
- Webex meeting on Rajbhasha Nirikshan Samiti on 6th August 2020.
- Review of Agricultural Projects under Monsoon mission organized by Indian Institute of Tropical Meteorology, (IITM), Pune on 18th August 2020.
- Seminar by Project scientists, working under GKMS organized by AASD, IMD, New Delhi on 19th August 2020.
- Discussion on climate products and services for agriculture organized by Climate Research and Services, IMD, Pune on 21st August 2020.
- Meeting on the utility plan for GISAT-1 product in the field of Agriculture (Data / Products utilization arrangement for GISAT-1 satellite) organized by AASD, IMD, New Delhi on 26th August 2020.
- Participated in an Expert Group virtual meeting on “Ecosystem based Adaptation for Climate Resilient Agriculture in the Deccan Plateau of Maharashtra” on 16th July 2020 organized by Watershed Organisation Trust (WOTR), Pune.
- Acted as a member of Selection Committee for the recruitment of Technical Officer under GKMS at AMFUs, Dapoli and Mulde on 16th July 2020.

➤ **Dr. Kripan Ghosh, Head (Agrimet) & Scientist-F, IMD, Pune and Shri R. Balasubramanian, Scientist-E, Agrimet Division, IMD, Pune** attended the following online meetings:

- The (Space Applications Centre) SAC meeting regarding “Use of Satellite products for Agromet Advisory” on 6th July 2020.

- DGM Review Meeting on Agromet Advisory Service activities on 8th July 2020 and on 22nd July 2020.
 - Online review meeting of AMFUs & DAMUs under Rajmata Vijayaraje Scindia Krishi Vishva Vidyalaya, Gwalior, Madhya Pradesh on 16th September 2020.
 - Discussion meeting on activities of North Karnataka Agromet Forecasting Centre (NKAFC) organized by University of Agriculture center, Dharwad on 25th September 2020.
- **Shri Ravindra Patil, Met A, Smt. P. S. Kulkarni, S.A., Smt B. S. Kurtakoti, S. A, Smt. M. G. Ambede, S. A. and Smt. Vishaka Dhotre, S. A. from Agricultural Meteorology Division, Pune attended Webinar on “Internet of Things” Security (WISE) during 28th – 29th August 2020 organised by Centre for Development of Advanced Computing, CDAC, Pune.**
- **Dr. R. H. Patil, Nodal Officer, GKMS Unit, AMFU, Dharwad, Karnataka participated as Resource Person in training organized at Department of Agriculture, Alnawar Taluka, Raita Samparka Kendra (RSK) Dandeli, Karawar district during 28th August to 2nd September 2020.**
- **Shri J. K. S. Yadav, Head, M.C. Bhopal and Smt Mamta Yadav, Scientist–C participated in “Review meeting of DAMUs in Madhya Pradesh and Chhattisgarh” web hosted by ICAR–ATARI, Jabalpur on 3rd July 2020.**
- **Dr. K. K. Dakhore, Principal Nodal Officer, AMFU, Parbhani, Maharashtra participated in**
- Debate program on “Monsoon situation in Marathwada region” Lokshahi news channel on 19th September 2020.
 - One week online international training on “Recent Physio–molecular digital tools in abiotic stress management for crop modelling during 29th June to 3rd July 2020 organised by NAHEP, VNMKV, Parbhani.
 - Two week online short term course on “Application of digital technologies in agriculture” during 13th to 24th July 2020 organized by IIT, Khargpur.

Lectures

- **Dr. K. K. Singh, Head (Agromet) and Scientist–G, AASD, IMD, New Delhi delivered lectures on**
- “Short term & Long–term weather prediction models” during National Webinar on “Composite Risk Assessment in Rainfed Agriculture and need for Unified Platform” on 18th September 2020 organized by National Rainfed Area Authority, Ministry of Agriculture & Farmers Welfare.
 - “Development of Agromet services in India” during short term online Training Course on “Preparation and Dissemination of Agromet Advisories at Block level under GKMS scheme” organized for Subject Matter Specialists (Agromet) of 30 DAMUs from 24th – 30th September 2020.
- **Dr. S. D. Attri, Scientist–G, AASD, IMD, New Delhi delivered lecture and invited talk on**
- “Climate Change and Technological Interventions under Current Scenario” in Faculty Development Programme (FDP) on 8th September 2020 organized by J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana.

- “Automation of Agromet Advisories–Data Requirements, Agromet–DSS software and Customization” in training programmes for SMS (Agromet) / Observers of DAMUs on 25th September 2020 organised by IMD, Pune.
- **Dr. Kripan Ghosh, Head (Agrimet) & Scientist–F, IMD, Pune** delivered lecture on “Impact based Agromet Advisory Services in India” on 2nd July 2020 in training course organized by Centre for Advanced Agricultural Science and Technology (CAAST) on ‘Climate Smart Agricultural and Water Management (CSAWM)’.
- **Shri R. Balasubramanian, Scientist–E, Agrimet Division, IMD, Pune** delivered lecture on –
 - “Use of Weather forecasts at various spatial and temporal scales and Agromet Products in Agromet Advisory Services (AAS)” in online short term course for DAMU manpower on 30th July 2020.
 - “Dissemination of Agromet Advisories through multimedia, SMS using Kisan Portal, KCC, Social media, Special Agromet Advisories during Extreme Weather Events” on 30th July 2020 during online short term course on “Preparation & Dissemination of observers of DAMUs in KVKs” jointly organised by Agrimet Division, AASD and ICAR during 27th July 2020 to 1st August 2020.
- **Shri. Jashandeep Singh, Subject Matter Specialist, KVK Ropar, Punjab** gave Online lecture on “Satellite & Agromet Products of IMD” on 2nd & 3rd September 2020. through Google Meet organised by Meteorological Centre, Chandigarh.
- **Dr. K. K. Dakhore, Principal Nodal Officer, AMFU, Parbhani, Maharashtra** delivered lecture on
 - “Monsoon situation in Marathwada region” in debate program on Lokshahi news channel on dated 19th September, 2020.
 - “Preparation of Agromet Advisory Service bulletins using observations, weather forecast, crop stage and state and other crop information: using different weather scenarios and crop situations” in 6–day short term online training during 24th – 30th September 2020.
 - “Preparation of Agromet Advisory Service bulletins using observations, weather forecast, crop stage, state and other crop information: using different weather scenarios and crop situations and preparation of complete block level AAS by the SMS (Agromet)” in the Short Term Training Course of Subject Matter Specialists (Agromet) & Observers of DAMUs on 31st July 2020 organized by IMD, New Delhi.

Publication

- **Publication by DAMU, Balaghat, Madhya Pradesh.**
 - D. R. Agashe, R. L. Raut, and Jitendra Nagpure: Dissemination of Agromet Advisories through GraminKrishiMausamSeva under DAMU projects: a case study of Balaghat district of Madhya Pradesh.
 - **Abstract Published**–National Webinar on Organic Farming–2020, College of Agriculture, Balaghat

- **Book Chapter:** D. R. Agashe, Dr. R. L. Raut and Jitendra Nagpure: International webinar on Global Food Security and Agriculture Practice after Covid-19 Pandemic 22nd June 2020 Tikamgarh JNKVV.Meghdoot Mobile App.
 - DAMU, Karnal, Haryana have published two Hindi articles in esteemed magazine of “Dugdh Ganga” published by ICAR-NDRI, Karnal which is entitled “मेघदूत एप्प की जानकारी” and “कृषि अवशेष प्रबंधन”
- **DAMU, Karnal, Haryana** have celebrated world ozone day and informed to the farmers regarding Smog and its development due to burning of crop residues of rice crop through various newspapers at regular time intervals.
- Research papers by **Dr. Sameera Qayoom, Principal Nodal Officer, AMFU, Srinagar Jammu & Kashmir.**
- Bilal Ahmad Lone, Asma Fayaz ,Mehreen Manzoor , Najma Andrabi , Sameera Qayoom , Z. A. Dar , Faisal Rasool, Aijaz Lone , Sandeep Kumar and Nighat Mushatq (2020) An Overview of Climate Change and Its Impact on crop productivity. *Recent Advances in Science and Technology Research*. Volume 6.P 25-40
 - Fayaz, Asma; Lone, B Ahmad; Qayoom, Sameera; Dar, NA; Dar, ZA; Rasool, Faisal; Kumar, Sandeep; Khuroo, NS; Singh, P; Andrabi, and Najma Andrabi; (2020)Calibration Validation and Evaluation of CERES Maize Model under Temperate Conditions of Kashmir, Using DSSAT 4.7. *Current Journal Of Applied Science and Technology*. 39(25): 1-7,
 - B.A. Lone, A. Fayaz, S. Qayoom, R.H. Kanth, Z.A. Dar, P. Sigh , S. Kumar, Najmah Andrabi and Nighat Mushtaq; (2020)“Simulating maize yield at enhanced level of temperature using CERES maize model” *Journal of Agrometeorology* 22 (3) : 379-382.
 - B. A. Lone , A. Fayaz , S. Qayoom , N. A. Dar , Z. A. Dar , P. Singh , S. Kumar , Faisal Rasool , Najmah Andrabi and Nighat Mushtaq (2020). Studying Yield and Water Productivity of Maize at Enhanced Level of Temperature Using DSSAT 4.7.5. *Current Journal of Applied Science and Technology*. 39(26): 93-104.
- Research papers by **Dr. Sanjeev Kumar, Nodal Officer and Ajay Kumar Mishra, Technical Officer, AMFU Kanpur, Uttar Pradesh.**
- Naushad Khan, **Ajay Kumar**, Vijay Dubey, C.B. Singh, **Sanjeev Kumar** and Shubham Singh. “Estimated Yield Forecasting of Rice and Wheat for Central Uttar Pradesh using Statistical Modal” *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706 Volume 9 Number 8 (2020).
 - Khan N., **Kumar A.**, Singh C.B., Lal G., Mishra S. And Singh S. (2020) “Farmers feedback about the Agromet Advisory Services (AAS) during Lockdown period (Covid-19) at district Kanpur, Uttar Pradesh”. *International Journal of Agriculture Sciences*, Volume 12, Issue 15, 2020, pp.-10107-10108.

Abstract Published

- Sanjiv Kumar, Ajay Kumar, Naushad Khan, C.B. Singh and Shubham Singh (2020) **"Weather Based Agromet Advisory Bulletin to the farmers under Gramin Krishi Mausam Seva (GKMS) project during lockdown period (Covid-19) at Kanpur Region of Uttar Pradesh"** National Web Conference organized by the C.S.Azad University of Agriculture & Technology, Kanpur during 6-8 May, 2020
- Ajay Kumar, Naushad Khan, Sanjeev Kumar, C.B. Singh, Shubham Singh and Gendan Lal (2020) **"Study on maize yield variability in relation with weather parameters."** National Web Conference on Management of Resources for Improvement of Productivity, Biodiversity and Livelihood Security organized by U.P. chapter – Soil Conservation society of India New Delhi & Dept. of Soil Science Conservation & Water Management, C. S. Azad University of Agriculture & Technology, Kanpur during July 29-30, 2020.
- Shubham Singh, R.P. Singh, Naushad Khan, S.N. Panday, Ajay Mishra and C.B. Singh (2020) **"Effect of nitrogen and herbicides on weed flora, yield and economics of wheat (*Triticumaestivum L.*)"** National Web Conference on Management of Resources for Improvement of Productivity, Biodiversity and Livelihood Security organized by U.P. chapter– Soil Conservation society of India New Delhi & Dept. of soil science conservation & water management the C. S. Azad University of Agriculture & Technology, Kanpur during July 29-30, 2020.
- Shubham Singh, S.N. Pandey, Naushad Khan, Ajay Kumar and C.B. Singh (2020) **"Organic Agriculture: A way forward for Indian Agriculture."** National Web Conference on Management of Resources for Improvement of Productivity, Biodiversity and Livelihood Security organized by U.P. chapter–Soil Conservation society of India, New Delhi & Department of Soil Science Conservation & Water Management, C. S. Azad University of Agriculture & Technology, Kanpur during July 29-30, 2020.
- Naushad Khan, Ajay Kumar, C.B. Singh, Sanjeev Kumar, Shubham Singh and Gendan Lal (2020)**"Effect of different sowing environment and varieties in wheat productivity central plane zone of Uttar Pradesh."** National Web Conference on Management of Resources for Improvement of Productivity, Biodiversity and Livelihood Security organized by U.P. chapter – Soil Conservation society of India New Delhi & Dept. of soil science conservation & water management the C. S. Azad University of Agriculture & Technology, Kanpur during July 29-30, 2020.
- Naushad Khan, Ajay Kumar, S.N. Pandey, C.B. Singh and Shubham Singh **"Effect of different sowing environment and varieties on production potential of maize variety under central plane zone of Uttar Pradesh."** National Web- Conference on "Technological Approaches for Resource Conservation and Management for Environmental Sustainability" (TARCMES) during August 16-17, 2020 organized by Academy of Natural Resource Conservation and Management (ASNRCM), Lucknow.
- Different Representative Concentration Pathways. *Env. and Ecol.*37(1): 143-148.

Training

- Online Short Term Training Course on “Preparation and Dissemination of Agromet Advisories at Block level under Gramin Krishi Mausam Seva (GKMS) scheme” for Subject Matter Specialists (Agromet) & Observers of DAMUs was organized from 27th July to 1st August 2020. Total 25 SMS (Subject Matter Specialists), 19 Agromet Observers and 14 newly recruited Scientific Assistants, Research Associates of IMD were trained.
- Second Online Short Term Training Course organized from 24th–30th September 2020. Total 32 trainees attended.

Popularization of GKMS

- AMFU, Jharnapani, Nagaland released a video on “Gramin Krishi Mausam Sewa at a glance” which funded by Tribal Sub Plan (TSP).
- DAMU Kodagu Karnataka made a small video on “Weather advisory and plant protection measures to be taken up to control diseases due to excess moisture” and published on YouTube, KVK website, Facebook, WhatsApp and other social media platform on 23rd September 2020.

Achievement

- Smt. B. S. Kurtkoti S. A., Agrimet Division, IMD, Pune received an award for outstanding Services for development of system of online reception of observations from Agromet observatories, weather forecast at various spatial and temporal scales, online verification of forecast, transmission of Agromet observation for Kisan Suvidha and Meghdoot app and development of Agrimet Website on PHP platform for interactive use of Agromet product by AMFUs for preparation of District and Block level Agromet Advisories during the year 2019–2020 on 15th August 2020.
- Dr. P. Balasubramanian, Technical Officer, AMFU, Ooty, Tamil Nadu selected as “*YOUNG RESEARCHER AWARD-2020*” by The Society for Biotic and Environmental Research (SBER), Tripura, 799201, India.



Awareness Programme

Farmers Awareness Programme (FAP)

Farmers' Awareness Programme (FAP) is one day duration programme organised by India Meteorological Department (IMD) and Agromet Field Units (AMFU). Officers of GKMS Unit highlighted the aims and objectives of GKMS and significance of real time weather-based Agromet Advisory for successful farming and judicious use of available resources. Officers also explained 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 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.

FAP Organised by AMFUs during the period

Sr. No.	Name of state	AMFU	Place	Date	No. of farmers
1.	Andhra Pradesh	Jagtial	Online mode @ RARS, Jagtial.	15.09.2020	30
2.	Haryana	Kaul (Kaithal)	ICAR-NDRI, Karnal	27.07.2020	450
3.	Jammu & Kashmir	Srinagar	Anantnag	29.09.2020	32
4.			Kupwara	30.09.2020	55
5.	Madhya Pradesh	Indore	Campus, Indore	09.09.2020	30
6.	Maharashtra	Parbhani	Aurangabad, Phulambir,	02.07.2020	28
7.	Manipur	Lamphelpat	ICAR, Lamphelpat	17.10. 2020	36
8.	Tamil Nadu	Ooty	ADH office, Ooty, The Nilgiris District	01.09.2020	25
9.	UT of Puducherry	Karaikal	Pettail, Karaikal	17.09.2020	70
10.			Ambagarthur, Karaikal	21.09.2020	70
11.	Uttar Pradesh	Varanasi	SantRavidas Nagar, Bhadohi,	31.08.2020	100
12.		Modipuram	BulandshahrDistrict,SikandrabadBlock,GaidapurSekapur Village	25.08.2020	20
13.			BulandshahrDistrict, SikandrabadBlock, GaidapurSekapur Village	29.08.2020	20
14.			BulandshahrDistrict, BulandshahrBlock, Navada Village	01.09.2020	20
15.			BulandshahrDistrict, Shikarpur Block, BhensroliNasirpurVillage	02.09.2020	20
16.			BulandshahrDistrict, BulandshahrBlock PahadpurVillage	07.09.2020	20
17.			BulandshahrDistrict, BulandshahrBlock, NavadaVillage	01.09.2020	20
18.			BaghpatDistrict, PilanaBlock, Sikheda Village	14.09.2020	20
19.			BaghpatDistrict, KhakraBlock, Katha Village	15.09.2020	20
20.			BaghpatDistrict, BaghpatBlock, K.V.K. Baghpat	19.09.2020	20
21.			BaghpatDistrict, BaghpatBlock K.V.K. Baghpat	25 .09.2020	30
22.			KVK, Shahjahanpur	08.09.2020	60
23.			KVK Shahjahanpur,	09.09.2020	60
24.			DDA Shahjahanpur	10.09.2020	
25.			KVK, Shahjahanpur	17.09.2020	50
26.			Jaitipur	18.09.2020	50
27.			KVK, Shahjahanpur	28.09.2020	60

28.	Uttarakhand	Roorkee	Haridwar, Roorkee Block	27.08.2020	49
29.		Ranichauri	Tehri Garhwal District, Narendranagar Block, Paali Kakdasari Village	16.07.2020	15

FAP Organised by DAMU during the period

Sr.No	Name of the State	Name of DAMU	Name of the District	No of FAPs conducted	No of Farmers
1.	Andhra Pradesh	Kurnool	Kurnool	4	204
2.		East_Godavari	East Godavari	1	15
3.		Vizianagaram	Vizianagaram	1	49
4.	Arunachal Pradesh	Namsai	Namsai	1	40
5.	Assam	Cachar	Cachar	3	106
6.		Goalpara	Goalpara	2	65
7.	Bihar	Nawada	Nawada	4	129
8.		Khagaria	Khagaria	1	32
9.		Banka	Banka	1	31
10.		East_Champaran	East Champaran	1	857
11.	Goa	North_Goa	Goa North	1	20
12.	Gujarat	Valsad	Valsad	8	147
13.		Jamnagar	Jamnagar	2	47
14.		Amreli	Amreli	1	31
15.	Haryana	Gurugram	Gurgaon	4	91
16.		Kurukshetra	Kurukshetra	2	115
17.	Jammu and Kashmir	Baramulla	Baramulla	4	114
18.	Jharkand	Khunti	Khunti	2	90
19.		Godda	Godda	17	471
20.		Gumla	Gumla	8	261
21.		Hazaribag	Hazaribagh	16	573
22.	Karnataka	Chamarajanagara	Chamarajanagar	2	44
23.		Chikkamagaluru	Chikkamagaluru	3	116
24.		Kodagu	Kodagu	2	61
25.		Kolar	Kolar	3	190
26.		Mandya	Mandya	2	69
27.		Ramanagara	Ramanagara	4	86
28.		Tumakuru	Tumakuru	2	94
29.	Madhya Pradesh	AMFU_Indore	Indore	1	30
30.		Balaghat	Balaghat	3	120
31.		Khandwa	East Nimar	16	526
32.		Shivpuri	Shivpuri	6	147
33.	Maharashtra	Aurangabad	Aurangabad	1	28
34.		Nagpur	Nagpur	2	63
35.		Nandurbar	Nandurbar	3	121
36.		Osmanabad	Osmanabad	5	180

37.		Palghar	Palghar	4	80
38.		Solapur	Solapur	3	154
39.		Osmanabad	Osmanabad	5	180
40.	Mizoram	Mamit	Mamit	1	9
41.	Nagaland	Mokokchung	Mokokchung	4	157
42.	Odisha	Cuttack	Cuttack	2	121
43.	Punjab	Barnala	Barnala	1	19
44.	Rajasthan	Dungarpur	Dungarpur	2	52
45.		Jalore	Jalore	2	86
46.	Tamil Nadu	Kancheepuram	Kancheepuram	1	33
47.		Pudukkottai	Pudukkottai	2	38
48.		Salem	Salem	2	115
49.		Trichy	Tiruchirappalli	3	98
50.	Telangana	Nalgonda	Nalgonda	1	20
51.	Telangana	Khammam	Khammam	2	48
52.	Uttar Pradesh	Baghpat	Baghpat	4	90
53.		Bhadohi	SantRavidas Nagar	5	282
54.		Bulandshahar	Bulandshahar	4	80
55.	Uttarakhand	AMFU_Roorki	Haridwar	1	49

Field visit

AMFUs made field visit to monitor the standing crop coverage and Pests and Diseases attack on the standing crops and to suggest its control measures. Also to aware farmers about use of Weather-based Agromet Advisories and its importance in increasing the farm productivity and activities under GKMS project to the farmers. Officers gave detailed information of Farmers' registration in m-kissan Portal and SMS service.

Sr. No.	State	AMFU/ DAMU	Place	Date
1.	UT of Puducherry	AMFU, Karaikal	Ambagarathur, Tennangudy, Sethur, Vizhidhiyur, and Neravy of Karaikal district	01.07.2020
2.	Gujarat	KVK, Ambheti	Kaparada, Ambheti , Valsad	03.07.2020
3.			NahuliUmargam	17.09.2020
4.			ValsadUmargamNaholi	18.09.2020
5.		AMFU, Targhadia	Jamnagar, Kalavad, Nana Vadala	05.08.2020
6.		AMFU, Dantiwada	Sembaliya Village, Khedbrahma Block, Sabarkantha District	20.09.2020
7.		KVK, Vadodara	Vadodara, Himmatpura , Desar	31.07.2020
8.			Chhotaudepur, Gunata, Chhotaudepur	31.08.2020
9.			Chhotaudepur, Manjrol, Sankheda	18.09.2020
10.	Karnataka	AMFU, Dharwad,	Block-Kundagol	08.08.2020
11.			Block-Hubballi,	16.08.2020

12.			Hebsur ,Block-Hubballi.	23.08.2020
13.			Klaghatagi	23.08.2020
14.			Block-Hubballi	23.08.2020
15.			Navalgunda, Dharwad	23.08.2020
16.	Andhra Pradesh	AMFU, Jagtial	Gollapelli,Rapelli village	28.09.2020
17.			Wyra village, Wyra block	16.07.2020
18.			Kommugudem Village, Wyra block	28.07.2020
19.			Enkoormandal, Wyra block	06.08.2020
20.			Nacharam Village, Wyra block	17.08.2020
21.			Bhadruthanda, Wyra block	17.08.2020
22.	Telangana	KVK, Wyra	GangulaNacharam, Wyra block	24.08.2020
23.			Himam Nagar, Wyra block	28.08.2020
24.			Medipalli, Mudigonda, Kusumanchi ASD	05.09.2020
25.			Madhapuram, Ramachandrapuram, Kusumanchi ASD	11.09.2020
26.			Nacharam, Wyra ASD	24.09.2020
27.	Chhattisgarh	KVK, Rajnandgaon	Malpuri, Block & Dist.- Rajnandgaon	27.09.2020
28.	Andhra Pradesh	AMFU, Ananthapuramu	Vannedhoddi village, Gooty block, Ananthapuramu	05.09.2020
29.			Village Atara and Bhawanipur, Jalalabad	20.07.2020
30.			Village Bhawanipur, Jalalabad	20.07.2020
31.			Village- Digsara, Siyarmau&Nekpur	02.09.2020
32.	Uttar Pradesh	KVK, Kannauj	Village Pachpokhra	03.09.2020
33.			KVK Campus, Jalalabad Kannauj	07.09.2020
34.			Gadarpur, Gugrapur	19.09.2020
35.	Haryana	KVK, Damla, Yamunanagar	Block- Radaur Village- Damla	22.09.2020
36.			Block-Baidhan, Village-Basauda	13.09.2020
37.			Block-Baidhan, Village-Basauda	10.09.2020
38.	Madhya Pradesh	KVK, Singrauli	Block-Baidhan, Village-Karauti	15.09.2020
39.			Block-Baidhan, Village-Devra	20.09.2020
40.			Block-Baidhan, Village-Devra	23.09.2020
41.			Block-Baidhan, Village-Devra	28.09.2020
42.			Rose Garden, Ooty, The Nilgiris District	29.08.2020
43.	Tamil Nadu	AMFU, Ooty	Ooty Block, The Nilgiris District	04.08.2020
44.			Kundah, Palada, Ooty Block, The Nilgiris District	04 & 05.08.2020
45.	Uttarakhand	AMFU, Ranichauri	Vill – Sain, Block- Narendranagar, Distt- TehriGarhwal	20.07.2020
46.			Vill-Chamiyalal, Block Ghansali, Distt -	05.08.2020

			TehriGarhwal	
47.			Vill-Nagini, ChpodiyaGaon Block– Chamba, Distt – TehriGarhwal	23.08.2020
48.			Vill- Jakhinda, Lambgaon Block – Pratapnagar Distt – Tehri	24.08.2020 & 25.08.2020
49.			Vill – Jardhar Gaon Block – Chamba Distt – Tehri	26.08.2020
50.			Distt – Almora, Nainital, U.S. Nagar	12.09.2020 to 27.09.2020

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Photos of FAP

		
<u>Balaghat, Jabalpur, Awalazari</u>	Dumka, Godda	<u>Karimganj, Cachar, Silchar</u>
		
Varanasi, Sant Ravidas Nagar, Bhadohi,	Anantpur, Kurnool, Yemmiganur,	Navsari, Valsad, Kaprada, Khadakval
		
Navsari, Valsad, Kaprada, Naandgam	Parbhani, Aurangabad, Phulambir,	Tiptur, Karnataka
		
Chhatarpur, Madhya Pradesh	Kushinagar, Uttar Pradesh	Banavasi, Andhra Pradesh
		
Kannauj Uttar Pradesh	KVK Ropar Punjab	Karaikal UT of Puducherry

Photos of Field visit and other programme

		
AMFU_Targhadia, Jamnagar, Kalavad, Nana Vadala	Field visit at KVK, Wyra Telangana	Field visit at AMFU, Karaikal , UT of Puducherry
		
Field visit at AMFU, Dantiwada, Gujarat	Field visit at Aurangabad, Maharashtra	Field day at AMFU, Karaikal , UT of Puducherry
		
Field visit at Rajnandgaon, Chhattisgarh	Field visit at Sankheda , KVK-Vadodara Gujarat	Field visit at Ananthapuramu, AP
		
Field visit at Kannauj, Uttar Pradesh	Field visit at DAMU, KVK, Singrauli, M.P.	Field visit at AMFU Ranichauri Uttarakhand