

# District Agro-Meteorology Unit (DAMU)

The Government of India has entrusted upon the India Meteorological Department (IMD) the task of establishing the task of establishing weather observing system and development of Gramin Krishi Mausam Sewa in the country. In pursuance hereof, IMD has set up in the country a network of about 130 Agro Meteorological Field Units (AMFUs) which are multidisciplinary units responsible for preparation and dissemination of district and sub-district agromet advisories. These AMFUs are located at State Agricultural Universities, ICAR centres and other institutions. Each AMFU utilizes the relevant output products including weather data from conventional/ automatic weather station (AWS) provided by IMD and ICAR to generate specific advisories for agricultural management for the respective districts of Agro-climatic zones identified under the area of its jurisdiction and disseminate the same to the farming community. Under the Gramin Krishi Mausam Sewa, the Imd proposes to establish District AgroMet Units (DAMU) in 530 districts, in addition to already operating 130 AMFUs, in order to meet the said expansion. Among other responsibilities, DAMU will receive weather forecast from IMD to prepare and disseminate sub-district level agromet advisory bulletins.



ICAR through All India Co-ordinate Research Project on Agro-meteorology (AICRPAM) is pursuing R&D on Agro-meteorology through a network of 35 centres located with SAUs in the country for improvement in weather based advisory and strengthening outreach of advisory bulletin to the farming community. The central Research Institute for Dry Land Agriculture (CRIDA) and National Innovation on Climate Resilient Agriculture (NICRA) projects of the Indian Council of Agricultural Research aim to enhance resilience of Indian agriculture to climate change and climate variability through strategic research and technology. It also provides agro advisories to the crop weather outlook, website established by CRIDA and guides the Ministry of Agriculture on contingency planning during the crop season.

Agrometeorology is an important multidisciplinary subject. Hence, ICAR maintains Agromet observatories as well as Automated Weather station (AWS) and record Agromet observations at its institutions, National Research Centres, Project Directorates, Krishi Viyan Kendras (KVKs) etc. to generate agrometeorological information for use in studies on crops, pests and diseases, soil, agro-forestry, livestock, horticulture, agriculture physics, soil science, etc. Such data will help ICAR institutes to study crop-weather relationship, relationship between crop weather and pest/ disease and develop region/ location specific agromet predictive models.

## **Objectives**

1. To improve the existing district level Agromet Advisory Services (AAS) so as to deliver crop and location specific AAS to farmers at block level.
2. To design optimum observatory network for issuance of village level advisories for implementation of crop weather insurance.

3. To establish District Agromet Units as nodal centre for catering to needs of agriculture services.
4. To provide customized advisory bulletins through last mile connectivity to farmers with personalized agromet advisory services.
5. To extend the weather based advisory service to the allied areas like livestock, grazing of farm feed etc.
6. To establish appropriate dissemination and support system for weather-based crop insurance in the country.



**Table-1: Position of Manpower under DAMU in ICAR-ATARI, Zone-VII**

Sl. no.	State Name	KVK/ Institute Name	SMS/ YP-II/ Date of Joining	E-mail Id	Contact No./Address	AO/ Date of Joining	E-mail Id	Contact No./Address
1	Meghalaya	ICAR-ATARI	Ms. Mesaya Rangsa Marak Date of Joining: 18.12.2019	mesayamarak22@gmail.com	Rilbong, Shillong-793004, Meghalaya Mobile no. 8837388639	-	-	-
1	Manipur	Chandel	Mr. Sunil Kumar Chongtam Date of joining: 06.03.2019	<a href="mailto:sunil.sunil.ch@gmail.com">sunil.sunil.ch@gmail.com</a>	Kakwa Makha Nameirakpam Leikai, Imphal, Manipur Mobile:8787699093	Mr. Romel Monsang Date of joining: 13.05.2019	<a href="mailto:shongshiromel@gmail.com">shongshiromel@gmail.com</a>	Japhou Village, Chandel District, Manipur Contact no.: 8837485268
2	Meghalaya	West Khasi Hills	Ms. Evakordor Kupar Jyrwa Date of joining: 6-6-2019	<a href="mailto:jenova.jyrwa65@gmail.com">jenova.jyrwa65@gmail.com</a>	Khlieh Shnong Golfink Pynthorumk hrah Shillong-793001 Mobile:	Kitborlang Marngar Date of joining: 5-6-2019	<a href="mailto:kitbormarngar@gmail.com">kitbormarngar@gmail.com</a>	Nongshyiap Jarain, Mairang-793120, west Khasi Hills District Mobile: 7005413158

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3	Meghalaya	West Garo Hills	Mr. Emdor Shylla Date of joining: 15.04.2019	<a href="mailto:emdor.38@gmail.com">emdor.38@gmail.com</a>	Lumshaid, Lower Mawprem, Shillong-793002 Contact no. 7005375792			
4	Mizoram	Mamit	Ms. Lalmalsawmi Date of joining: 15.04.2019	<a href="mailto:msthangvung@gmail.com">msthangvung@gmail.com</a>	Dinthar veng, near Hospital, Lengpui, Mamit, Mizoram Contact no 8974408963	Mr. Andy Lalhriatpuia Date of joining: 28.08.2019	<a href="mailto:andyrenthlei@gmail.com">andyrenthlei@gmail.com</a>	D/CH-154, Dinthar-I, Aizawl district, Mizoram Contact No. 8729895888
5	Nagaland	Kiphire	Ms. Temjenna Jamir Date of joining: 05.03.2019	<a href="mailto:damukiphire@gmail.com">damukiphire@gmail.com</a>	Chumukedi ma, Dimapur, Nagaland Contact no. 9612522239	Mr. Litekhing S. Sangtam Date of joining: 10.06.2019	<a href="mailto:atekHINGmongzarr@gmail.com">atekHINGmongzarr@gmail.com</a>	Kiphire village, Kiphire ditrict, Nagaland Contact no: 7005607165
6	Nagaland	Mokokchung	Ms. Ningshiyangle Walling Date of joining: 17.10.2019	<a href="mailto:nywalling@gmail.com">nywalling@gmail.com</a>	KVK Mokokchung, Yisemyong-798601 contact no-9862746537	Mr. Ani Koza Date of Joining: 21.10.2019	<a href="mailto:anikoza499@gmail.com">anikoza499@gmail.com</a>	KVK Mokokchung, Yisemyong-798601 contact no-8837345908
7	Tripura	Dhalai	Ms. Gayetri Deb, SMS (Agromet) Date of joining: 24.06.2019	<a href="mailto:debgayatri1@gmail.com">debgayatri1@gmail.com</a>	D/O. Sri Babul Deb Vill. Jirania West Tripura -788045 Contact no: 7998526712	Mr. Rajib Das Date of joining: 17.06.2019	<a href="mailto:rajibdas863@gmail.com">rajibdas863@gmail.com</a>	Vill: Jirania Nagar panchayat, PO. Birendranagar, P.S: Jirania, PIN: 799049, Contact no: 7005195443

**Table-2: Budget Provision for DAMU for the Year 2019-20**

Sl. No	Name of the Host	Name of KVKs/ Institute	Budget Allocated
1	ICAR	ATARI	601455
2	Dept. of Agriculture & Farmers Welfare, Govt. of Tripura	KVK Dhalai	918629
3	Dept. of Agriculture, Govt. of Nagaland	KVK Mokokchung	810630
4	ICAR RC For NEH	KVK Chandel	948630

<b>5</b>	Region	KVK Kiphire	948630
<b>6</b>		KVK West Garo Hills	818630
<b>7</b>	Dept. of Agriculture , Govt. of Meghalaya	KVK West Khasi Hills	818630
<b>8</b>	Department of Agriculture (Research & Education), Govt. of Mizoram	KVK Mamit	820630
<b>Total</b>			6685864