

Gramin Krishi Mausam Sewa (GKMS) scheme

March 24, 2021

In news : India Meteorological Department (IMD) has undertaken installation of Agro-AWS at District Agromet Units (DAMUs) located in the KVKs under ICAR network. Agro-AWS is being installed at 200 DAMUs to augment block level Agromet Advisory Services (AAS) under the GKMS scheme.

About the Gramin Krishi Mausam Sewa (GKMS)

- **Ministry: Ministry of Earth Science**
- **Collaboration:** Under GKMS project, India Meteorological Department, Ministry of Earth Science in collaboration with State Agricultural Universities /Indian Council of Agricultural Research etc. is **issuing crop and location specific weather based agro advisories** for the benefit of farming community on every Tuesday and Friday and occurrence of extreme weather
- **Weather forecast :** Under this **district level weather forecast for next 5-days in respect of Rainfall, maximum temperature, minimum temperature, wind speed,** wind direction, relative humidity and clouds, weekly cumulative rainfall forecast and Crop specific advisories are provided to farmers.
- **Means of advisories to farmers:** GKMS of IMD has been successful in providing crop specific advisories to farmers through different print/visual/Radio/ IT based media including short message service (SMS) and Interactive Voice Response Service (IVRS) facilitating appropriate field level actions.
- Under the GKMS scheme, district level weather forecast including rainfall for the next five days for all the districts is generated.

- **Agromet Advisories:** Based on the weather forecast, Agromet Advisories are prepared in collaboration with 130 Agromet Field Units (AMFUs) and communicated to the farming community.
- AAS rendered by IMD is a step to weather-based crop and livestock management strategies and operations dedicated to enhancing crop production besides reducing crop damage and loss due to extreme weather events.
- The GKMS of IMD has been successful in providing the crop specific agro meteorological advisories in vernacular languages to about 22 million farmers in the country.