



Tamil Nadu Veterinary and Animal Science University
India Meteorological Department
Gramin Krishi Mausam Sewa” (GKMS), District Agro Met Unit
Krishi Vigyan Kendra, Kattupakkam

Weather based Agro-Advisory Bulletin – Kancheepuram & Chengalpattu District
 (Period 12.02.2022 – 16.02.2022)



Bulletin No: 012/KVK/KPM/2022

Day & Date: Friday & 11.02.2022

Weather forecast for next five days (until 8.30 hrs of 16.02.2021)

Parameter	12.02.2022	13.02.2021	14.02.2021	15.02.2022	16.02.2021
Rainfall (mm)	00	00	00	00	00
Max. Temp °C	31	32	32	32	32
Min. Temp °C	22	22	23	23	23
Relative Humidity I	75	75	75	75	75
Relative Humidity II	55	55	55	55	50
Wind Speed (km/hr)	10	10	10	08	08
Wind Direction	East Southeast	East Southeast	East	East Northeast	Northeast
Cloud Cover	Partly cloudy	Partly cloudy	Mostly Clear sky	Clear sky	Clear sky

Weather Forecast: In the upcoming five days, there is no possibility of rainfall and in mainly dry weather is expected in Kancheepuram and Chengalpattu district. The maximum temperature of the day will be around 31-32 degree Celsius and minimum temperature may be around 22-23 degree Celsius. The relative humidity of the day may vary from 50-75%. The wind may blow with an average velocity 08-10 km/hr. in Northeast to North Northeast direction. The sky may look Clear sky and in some days it may looks partly cloudy during day time.

General Advisory: As per IMD Extended Range Forecast for the period of 16.02.2022 to 22.02.2022 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the normal.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		Farmers are advised to irrigate their crop field based on the soil moisture availability.
SMS		Farmers are advised to monitor their black gram field for infestation of Yellow Mosaic virus and take appropriate plant protection measures
Crops - Rice	Vegetative stage	The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.
Black gram	Vegetative stage	There are possibilities of leaf feeding Tobacco Caterpillar infestation in Black gram. For management farmers are advised to spray dichlorovos 76 WSC @ 1 lit/ha.
Black gram	Vegetative stage	There is possibilities yellow mosaic virus infestation in Black gram. For the management of vector farmers are advised to spray notch leaf extract 10% or neem formulation 3 ml/lit at 30 DAS.
Green gram	Vegetative stage	There are possibilities of Powdery Mildew disease infestation in green gram. For management farmers are advised to spray Propiconazole @ 500 ml/ha.
Ground nut	Vegetative stage	There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC

		@ 750 m.l./ha.
Coconut	Tree	In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .
Chillies	Vegetative stage	There is possibilities thrips insect infestation in chillies crops. For management farmers are advised to spray Imidacloprid 3.0 ml/10 lit of water.
Brinjal and Bhendi/Okra	Vegetative stage	There are possibilities of shoot borer insect infestation in brinjal and bhendi crops. For management farmers are advised to install pheromone trap @ 5/acre.
Animal science	Dairy animals	Farmers are advised not to allow the animals to graze nearby pond and water stagnated area to avoid parasitic infestation in dairy cows. Farmers may provide mineral mixture @ 30-50 g/animal to improve the milk fat content.
	Sheep and Goat	Farmers are advised to mineral salt lick can provide to sheep and goat shed to improve growth rate in animals.
	Poultry	Farmers are advised to vaccinate their poultry birds against Ranikhet disease in nearby veterinary dispensary.
Fisheries	Inland fish culture	Due to low temperature in upcoming five days, the morning feed may be delayed for one hour or more. The fish/prawn feeds may be stored in better condition to avoid fungal infection due to forecasted humid weather. Due to lower temperature and other forecasted weather condition, Fish farmers are advised to perform the model fish sampling to evaluate the health status of fish/prawns in ponds.
	Common Fish	During this season, dry fish preparing fisherflok are advised that 3 kg of fishes may be used for spreading in one square meter area for efficient drying. Farmers are advised check the pond water transparency and maintain up to 30-45 cm, if dark colour of the pond water is observed water may be exchanged @ 10% or Agri-lime 100-200 kg/ha may be applied.
	Ornamental fish	Ornamental fish farmers are advised to offer remove fecal matters are being settled at fish tanks for controlling ammonia level.
This Agro Advisory bulletin was prepared and published with the consultation and recommendation of SMS committee of District Agromet Unit (DAMU) Krishi Vigyan Kendra, Kancheepuram - 603 203.		

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