



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 11.06.2022 - 15.06.2022)



Bulletin No: 046/KVK/KPM/2022

Day & Date: Friday & 10.06.2022

Weather forecast for next five days (until 8.30 hrs of 15.06.2022)

Parameter	11.06.2022	12.06.2022	13.06.2022	14.06.2022	15.06.2022
Rainfall (mm)	00	00	03	00	00
Max. Temp °C	39	39	39	39	39
Min. Temp °C	28	28	28	28	28
Relative Humidity I	70	70	70	70	70
Relative Humidity II	55	55	55	55	55
Wind Speed (km/hr)	10	10	10	10	10
Wind Direction	South Southeast	South Southeast	South Southeast	South Southwest	South Southwest
Cloud Cover	Mostly clear	Mostly clear	Partly cloudy	Clear Sky	Clear Sky

Weather Forecast: In the upcoming five days, there are possibilities of light intensity rainfall on 13.06.2022 and in remaining day's mainly dry weather is expected in Kancheepuram and Chengalpattu district. The daily maximum and minimum temperature may vary from 39 and 28 degree Celsius respectively. The relative humidity of the day may vary from 55-70%. The wind may blow with an average velocity 10 km/hr. South Southeast - South Southwest direction. The sky may look mostly clear during day time. **General Advisory:** From the extended range forecast of IMD, Above normal rainfall and normal minimum temperature & maximum temperature is expected for the period of 15.06.2022 to 21.06.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		As per IMD Extended Range Forecast for the period of 15.06.2022 to 21.06.2022 Tamil Nadu & Pondicherry region may likely to above normal rainfall. Farmers are advised to irrigate their crop fields depends on the soil moisture availability.
SMS		There are possibilities of light intensity of rainfall in Kancheepuram and Chengalpattu on 13.06.2022.
Crop – Rice	Tillering 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.
Brinjal	Fruiting stage	There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.
Brinjal & Bhendi	Fruiting stage	There are possibilities of shoot and fruit borer insect infestation in brinjal and bhendi crops. For management farmers are advised to install pheromone trap @ 5/acre.

Chilli	Fruiting stage	There are possibilities of whitefly transmitted leaf curl virus infestation in Chilli. For the management of vector farmers are advised to spray Dimethoate 2ml of Acephate 1g per litre of water.
Animal science	Dairy animals	Farmers are advised to provide salt in drinking water or feed during this season to avoid dehydration loss in dairy animals. Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals.
	Sheep and Goat	Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals.
	Poultry	Farmers are advised to Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds. Farmers are advised to vaccinate their poultry birds during early morning or late evening to stress in birds.
Fisheries	Inland fish culture	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. Due to higher temperature forecasted. Water quality parameters to be monitored daily to avoid fish mortality. To avoid fish parasite incidences wooden poles/Bamboo may be placed in fish ponds. By viewing the rainfall forecast farmers are advised to reduce the farm water level of 20-30 cm form normal.
	Common Fish	By viewing the rainfall forecast farmers are advised to measure the pond water pH daily and apply dolomite lime at 150 kg/ ha may be applied at a weekly interval. Farmers are advised to add 1-3% of fish oil in daily fish feed to enhance the feed intake and fat content supplements. During rainy days, farmers are advised to avoid the accumulation of plant debris and other organic matter along with runoff to sustain the pH variation.
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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