



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 13.07.2022 - 17.07.2022)



Bulletin No: 055/KVK/KPM/2022

Day & Date: Tuesday & 12.07.2022

Weather forecast for next five days (until 8.30 hrs of 17.07.2022)

Parameter	13.07.2022	14.07.2022	15.07.2022	16.07.2022	17.07.2022
Rainfall (mm)	03	02	00	00	08
Max. Temp °C	35	35	35	35	35
Min. Temp °C	26	26	26	26	26
Relative Humidity I	70	70	70	70	70
Relative Humidity II	60	60	60	60	60
Wind Speed (km/hr)	10	10	10	10	10
Wind Direction	Southwest	Southwest	Southwest	Southwest	West Southwest
Cloud Cover	Partly cloudy				

Weather Forecast: In the upcoming five days, there are possibilities of light intensity in Kancheepuram and Chengalpattu district on 13.07.2022, 14.07.2022 and 17.07.2022. The daily maximum and minimum temperature may vary from 35 and 26 degree Celsius respectively. The relative humidity of the day may vary from 60-70%. The wind may blow with an average velocity 10 km/hr. Southwest – West Southwest direction. The sky may look partly cloudy. **General Advisory:** From the extended range forecast of IMD, below normal rainfall, Normal maximum temperature and minimum temperature is expected for the period of 17.07.2022 to 23.07.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		Since light rainfall is expected, Farmers are advised to postpone the irrigation activity in the upcoming five days and during rain forecasted days farmers may not taken any agrochemical spray to crops.
SMS		Farmers are advised to vaccinate the poultry birds against Ranikhet disease in nearby veterinary dispensary.
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.
Ground nut	Vegetative Stage	There are possibilities of early leaf spot infestation in ground nut crop. For management farmers are advised to apply Chlorothalonil @ 400 g/acre.
Chilli	Fruiting Stage	There is possibilities thrips infestation in chilli crop. For management farmers are advised spray Emamectin benzoate 5 % SG @ 4 g/10 lit.
Brinjal	Nursery Stage	There are possibilities of damping off infestation in brinjal nusery field. For management farmers are advised to apply Pseudomonas fluorescens as a soil

		application @ 2.5 kg/ha mixed with 50 kg of FYM (or) Prepare raised nursery beds and avoid stagnation of water.
Animal science	Dairy animals	Farmers are advised to provide concentrate feed /Green fodder/hay in balanced ration to dairy cows to obtain improved production in dairy cows. For 5 liter milking dairy cows 2.5 kg of concentrate feed/20-25 kg of green fodder and 5 kg of dry fodder may be provided.
	Sheep and Goat	Farmers may provide flushing ration to breeding bucks during this season to improve the breeding efficiency in goats.
	Poultry	Farmers are advised to provide B-Complex/Vitamin C supplements to improve the growth and production. Farmers are advised provide proper brooding facility to chicks to avoid mortality. Farmers are advised to vaccinate the poultry birds against Ranikhet disease in nearby veterinary dispensary.
Fisheries	Inland fish culture	By viewing the could cover forecast, to sustain the plankton intensity in fish ponds farmers may reduce 50 % water exchange level from the original level. By viewing the low temperature forecast fish farmers the morning feeding may be delayed one hour and evening feed may be fed one hour earlier. Farmers are also advised to change the rate of feeding according to their feeding demand.
	Common Fish	Due to rain forecasted water quality parameters may be evaluated in fish / prawn ponds to avoid disease incidences. The Water transparency/Plankton density may be maintained up to 30-45 cm. Garlic paste 4-6% may be provided along with feed to enhance food intake and improve health status.
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.		

Nodal Officer,
District Agro-Met Unit,
Krishi Vigyan Kendhra,
Kancheepuram, Tamil Nadu.