



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 07.05.2022 – 11.05.2022)



Bulletin No: 036/KVK/KPM/2022

Day & Date: Friday & 06.05.2022

Weather forecast for next five days (until 8.30 hrs of 11.05.2022)

Parameter	07.05.2022	08.05.2022	09.05.2022	10.05.2022	11.05.2022
Rainfall (mm)	00	00	00	10	00
Max. Temp °C	38	39	39	40	40
Min. Temp °C	30	30	30	30	30
Relative Humidity I	70	70	70	70	70
Relative Humidity II	50	50	50	50	50
Wind Speed (km/hr)	10	10	10	10	10
Wind Direction	South Southeast	South	South	South Southwest	West Southwest
Cloud Cover	Partly cloudy	Partly cloudy	Mostly Clear Sky	Mostly Clear Sky	Mostly Clear Sky

Weather Forecast: In the upcoming five days, there are possibility of moderate intensity rainfall on 10.05.2022 in Kancheepuram and Chengalpattu district and in the remaining days mainly dry weather is expected. The daily maximum and minimum temperature may vary from 38-40 and 30 degree Celsius respectively. The relative humidity of the day may vary from 50-70%. The wind may blow with an average velocity 10 km/hr. in South Southeast - West Southwest direction. In the first two days sky may looks partly cloudy and in other days it may mostly clear during day time. **General Advisory:** From the extended range forecast of IMD, below normal rainfall and normal maximum temperature & minimum temperature expected for the period of 11.05.2022 to 17.05.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		Farmers are advised to irrigate their crop based on the soil moisture availability. By viewing rainfall forecast on 10.05.2022 farmers are advised not to apply fertilizer and spray of agrochemicals.
SMS		On 10.05.2022 there is possibility of moderate intensity of rainfall in Kancheepuram and Chengalpattu district.
Crop - Ground Nut	Pod development stage	There are possibilities of dry root rot infestation in groundnut. For management Spot drenching with Carbendazim 1g/lit or apply <i>Trichoderma viride</i> 2.5kg/ha with 50 kg of FYM.
Ground Nut	Pod development stage	There are possibilities of late leaf spot disease infestation in Ground nut crop. For management farmers are advised to Spray Carbendazim 100gram or Mancozeb 200 gram per acre in 200 liter of spray solution.
Brinjal	Fruiting stage	There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wetttable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

Brinjal	Fruiting stage	There are possibilities of brown leaf hopper transmitted little leaf disease infestation in Brinjal. For management farmers may spray dimethoate @ 0.3%.
Animal science	Dairy animals	Farmers are advised not to allow animals for grazing during hot part of the day. Farmers are advised allow the animal for grazing in early and late part of the day. Farmers are advised to provide mineral mixture and mineral block to dairy animals and calves.
	Sheep and Goat	For balanced nutrition farmers are advised to provide tree leaves to goats during summer season. To maintain the body weight during summer, farmers are advised to provided 100-150 gram/ goat of concentrate feed daily.
	Poultry	Farmers are advised to provide clean and potable drinking water to birds i.e. 3-4 times watering to birds during summer. Provide B-Complex liquid and lime juice supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.
Fisheries	Inland fish culture	Farmers may fallow the fish pond feeding at 06.0 - 07.0 AM in morning and 5.00-6.00 PM in evening.
	Common fish	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.
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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