



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 23.03.2022 – 27.03.2022)



Bulletin No: 023/KVK/KPM/2022

Day & Date: Tuesday & 22.03.2022

Weather forecast for next five days (until 8.30 hrs of 27.03.2022)

Parameter	23.03.2022	24.03.2022	25.03.2022	26.03.2022	27.03.2022
Rainfall (mm)	00	00	00	00	00
Max. Temp °C	36	37	37	37	38
Min. Temp °C	24	24	24	24	25
Relative Humidity I	75	75	75	75	75
Relative Humidity II	55	55	55	55	55
Wind Speed (km/hr)	10	10	10	10	10
Wind Direction	South Southwest	South	South	South	South Southeast
Cloud Cover	Partly Cloudy	Partly Cloudy	Mostly Clear sky	Mostly Clear sky	Mostly Clear sky

Weather Forecast: In the upcoming five days there are no possibilities of rainfall and mainly dry weather is expected in Kancheepuram and Chengalpattu district. The maximum temperature of the day will be around 36-38 degree Celsius and minimum temperature may be around 24-25 degree Celsius. The relative humidity of the day may vary from 55-75%. The wind may blow with an average velocity 10 km/hr. in South Southeast to South Southwest direction. The sky may look mostly clear during day time and in some days it may look partly cloudy.

General Advisory: From the extended range forecast of IMD, normal rainfall, moderately above normal maximum temperature and minimum temperature expected for the period of 27.03.2022 to 02.04.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		On 23.03.2022 and 24.03.2022 maximum temperature is likely to be above normal by 2-4 °C at isolated pockets over Tamilnadu. Farmers are advised to irrigate their crop fields depends on the soil moisture availability.
SMS		Farmers are advised to provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress.
Crops – Paddy	Tillering and panicle initiation stage	The forecasted weather may cause Leaf folder (or) leaf roller infestation in rice crop. The infected plant whole panicle becomes dried and become white ear. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.
Bhendi	Fruiting Stage	There are possibilities of fruit borer infestation in Bhendi crop. For management farmers are advised to collect and destroy the infested plant and fruits parts then setup pheromone trap @ 4-6/acre and chemical spray of Emamectin benzoate 5 % SG @ 3g/10 liter of water.

Bhendi	Fruiting Stage	There are possibilities of whitefly transmitted yellow mosaic virus or vein clearing disease infestation. For management of vector farmers are advised to spray Triazophos 40 EC @ 2.0 l/ha
Banana	Tree	There are possibilities of Rugose Spiraling whitefly infestation in banana. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.
Chili	Fruiting stage	There are possibilities of Leaf curl virus infestation in chili crop. For management farmers are advised to spray Dimethoate 2ml of Acephate 1g per liter of water.
Animal science	Dairy animals	Farmers are advised not to allow animals for grazing during hot part of the day. Farmers are advised to deworm and detick their dairy animals in nearby veterinary dispensary. Farmers may provide mineral mixture @ 30-50 g/animal to improve the milk fat content.
	Sheep and Goat	Farmers may provide more green fodder & Tree leaves to goats during summer days. Farmers are advised to mineral salt lick can provide to sheep and goat shed to improve growth rate in animals.
	Poultry	Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised to provide clean water and green fodder adlibidum to poultry 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.
	Common fish	Model fish sampling may be performed either in morning or late evening hours to access the disease incidence in weekly or fortnightly basis.
	Ornamental fish	In ornamental fish culture tank may be disinfected with 1-2 ppm of potassium permanganate to avoid the protozoan diseases infestation due to low temperature during rainy days. To avoid parasitic infestation in ornamental fish's bath treatment may be performed once in 15 days interval with 1-3% salt concentration.

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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