



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 17.07.2021 - 21.07.2021)



Bulletin No:057/KVK/KPM/2021

Day & Date: Friday & 17.07.2021

Weather forecast for next five days (until 8.30 hrs of 21.07.2021)

Parameter	17.07.2021	18.07.2021	19.07.2021	20.07.2021	21.07.2021
Rainfall (mm)	8	4	6	4	2
Max. Temp °C	33	34	35	35	35
Min. Temp °C	26	27	27	27	27
Relative Humidity I	90	90	90	85	85
Relative Humidity II	50	50	50	50	50
Wind Speed (km/hr)	8	8	8	8	8
Wind Direction	Southwest	Southwest	South Southwest	South Southwest	South Southwest
Cloud Cover	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy	Mostly Cloudy

Weather Forecast: There are possibilities of light – moderate rainfall may expected for the upcoming five days, in Kancheepuram and Chengalpattu districts. The maximum temperature of the day may be around 35-37 degree Celsius and minimum temperature around 23-24 degree Celsius. The relative humidity of the day may vary from 39-74%. The wind may blow with an average velocity 12-21 km/hr. in South Southwest-West Southwest direction. The sky may look mostly cloudy during day time. **General Advisory:** As per IMD Extended Range Forecast for the period of 21st to 27th July, 2021 Tamil Nadu & Pondicherry region may likely to receive less rainfall than the normal

Weather based Agro advisory:

Crop	Stage	Agromet Advisory
General	-	Thunderstorm with light rain is likely to occur at isolated places over Kancheepuram & Chengalpattu district on 17.07.2021 – 18.07.2021.
SMS	-	The forecasted weather may cause stem borer infestation in rice for management farmers may spray Chlorantraniliprole 18.5% 150 ml/ha.
Agri - Field	Land preparation	During July-August month, the farmers who are planning for paddy cultivation are advised to apply 200 kg of vermicompost and 50 kg of neemcake per acre at the last ploughing.
Crop - Rice	Tillering Stage	The Forecasted weather may cause sheath blight in Rice. Farmers are advised to monitor their field regularly, if symptoms are observed, it's advised to spray of Carbendazim 50 WP @ 500g/ha.
Crop - Blackgram	Flowering Stage	There are possibilities of yellow mosaic virus infestation in Black gram. Based on disease symptoms farmers may spray dimethoate 30 EC 200

		ml/acre.
Cucurbits	Fruiting Stage	There are possibilities of Fruit fly infestation in cucurbit crops. Farmers are advised to take necessary plant protection measures.
Animal science	Livestock's	Farmers are advised to vaccinate their animal's against Foot and mouth disease in nearby veterinary dispensary. Farmers are advised not to allow their animals to graze in newly grown green bushy pasture.
	Goat and Sheep	For Small ruminants farmers are advised to provide salt licks to improve the production. Farmers are advised to Deworm and detick their goat and sheep during this season to avoid parasitic disease infection.
	Poultry birds	Provide electrolytes/ B-complex supplements through drinking water to birds to avoid stress in birds. Farmers are advised to vaccinate their birds against Ranikhet disease in nearby veterinary dispensary. During rainy days farmers may provide proper brooding facility to the birds.
Fisheries	Inland Fish culture	The forecasted rain may alter the pH of fish ponds. Farmers are advised to measure the pH and apply 150-200 kg/ha Agri lime or dolomite lime. Morning feed may be given at 7.00 - 8.00 AM and evening feeding may be at 5.00 – 6.00 PM in fish ponds. Farmers are advised add 1-3% of garlic paste in fish feeds. During the farm made fish feed preparations farmers may add sufficient level of vitamins and minerals. Farmers are advised to maintain water transparency at 30-45 cm by adding organic and inorganic manures.
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.