



**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 02.07.2022 - 06.07.2022)



**Bulletin No: 052/KVK/KPM/2022**

**Day & Date: Friday & 01.07.2022**

**Weather forecast for next five days (until 8.30 hrs of 06.07.2022)**

Parameter	02.07.2022	03.07.2022	04.07.2022	05.07.2022	06.07.2022
Rainfall (mm)	03	15	02	02	02
Max. Temp °C	36	37	35	36	36
Min. Temp °C	25	25	26	26	26
Relative Humidity I	70	70	70	70	70
Relative Humidity II	50	50	50	50	50
Wind Speed (km/hr)	06	08	08	08	08
Wind Direction	Southwest	Southwest	Southwest	South Southwest	South Southwest
Cloud Cover	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Mostly Clear

**Weather Forecast:** In the upcoming five days, there are possibilities of light – moderate intensity in Kancheepuram and Chengalpattu district on 29.06.2022, 30.06.2022 and 01.07.2022. The daily maximum and minimum temperature may vary from 34-35 and 27-28 degree Celsius respectively. The relative humidity of the day may vary from 65-75%. The wind may blow with an average velocity 08 km/hr. South Southwest - Southwest direction. The sky may look partly cloudy during day time. **General Advisory:** From the extended range forecast of IMD, below normal rainfall, Normal maximum temperature and minimum temperature is expected for the period of 06.07.2022 to 12.07.2022 over Tamil Nadu and Pondicherry region.

**WEATHER BASED AGRO ADVISORY:**

Crop	Stage	Agromet Advisory
<b>General</b>		During rainy days farmers are advised not to take-up any agrochemical spray.
<b>SMS</b>		Farmers are advised to provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds.
<b>Crop – Rice</b>	<b>main field</b>	By using the forecasted rainfall farmers may prepare the rice field for transplanting the seedlings.
<b>Crop- Sugarcane</b>	<b>Vegetative Stage</b>	To avoid the side shoot germination from internodes in sugarcane farmers may detrash the sugarcane and advised to go for double line propping with trash twist.
<b>Crop - Chilli</b>	<b>Seedling Stage</b>	There are possibilities of rainfall in upcoming days, so farmers are advised to create proper drainage facilities in vegetable crop fields to drain the excess water.
<b>Bhendi</b>	<b>Fruiting Stage</b>	There are possibilities of fruit borer insect infestation in Bhendi. For management farmers are advised to install pheromone trap @ 5/acre.
<b>Brinjal</b>	<b>Nursery Stage</b>	There are possibilities of damping off infestation in brinjal nursery 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.
<b>Cucurbit</b>		There are possibilities of leaf minor infestation in Cucurbit crops. Farmers are advised to take necessary plant protection measures as per the advice of the Horticulture Officer.
<b>Animal science</b>	<b>Dairy animals</b>	Farmers are advised to combat heat stress in buffaloes by allowing the animals to wallow in the pond for local water bodies. Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals.
	<b>Sheep and Goat</b>	Farmers are advised to provide balance nutrient feed supplements to goats relieves the animal from stress and improve production in animals. Farmers are advised to Provide clean fresh water or water mixed with electrolytes to animal to reduce dehydration and to maintain thermal homeostasis.
	<b>Poultry</b>	Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds. Farmers are advised provide proper brooding facility to young ones during rainy days.
<b>Fisheries</b>	<b>Inland fish culture</b>	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 rainfall forecast farmers are advised to reduce the farm water level of 20-30 cm form normal level. During rainy days the predatory fishes may enter in to fish pond through rain water, to protect the entry of predatory fish's farmers may fix 5 and 15 mm wire mesh in the water inlets of fish pond. In fish pond water outlets may protected with wire mesh to avoid the escape of fish fingerlings during rainy season
	<b>Common Fish</b>	Feeding may be performed at morning 7AM and evening 5 PM. Water hardness/Ammonia level may be measured in ponds and Accordingly Water exchange /lime/zoolite may be applied. Fish and prawn feed may be monitored accordingly feed ration may be altered. Farmers are advised to add 1-3% of fish oil in daily fish feed to enhance the feed intake and fat content supplements.
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,**  
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