



**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 09.07.2022 - 13.07.2022)



**Bulletin No: 054/KVK/KPM/2022**

**Day & Date: Friday & 08.07.2022**

**Weather forecast for next five days (until 8.30 hrs of 13.07.2022)**

Parameter	09.07.2022	10.07.2022	11.07.2022	12.07.2022	13.07.2022
Rainfall (mm)	00	04	00	04	04
Max. Temp °C	36	36	36	36	36
Min. Temp °C	28	28	28	28	28
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	West Northwest	West Northwest	West	West Southwest	West Southwest
Cloud Cover	Mostly Clear	Mostly Clear	Mostly Clear	Partly cloudy	Partly cloudy

**Weather Forecast:** In the upcoming five days, there are possibilities of light intensity in Kancheepuram and Chengalpattu district on 10.07.2022, 12.07.2022 and 13.07.2022. The daily maximum and minimum temperature may vary from 36 and 28 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. West - West Northwest direction. In the first three days sky may look mostly clear and in the next two days it 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 14.07.2022 to 20.07.2022 over Tamil Nadu and Pondicherry region.

**WEATHER BASED AGRO ADVISORY:**

Crop	Stage	Agromet Advisory
<b>General</b>		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.
<b>SMS</b>		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.
<b>Crop – Rice</b>	<b>Tillering Stage</b>	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.
<b>Ground nut</b>	<b>Vegetative Stage</b>	There are possibilities of early leaf spot infestation in ground nut crop. For management farmers are advised to apply Chlorothalonil @ 400 g/acre.
<b>Chilli</b>	<b>Fruiting Stage</b>	There is possibilities thrips infestation in chilli crop. For management farmers are advised spray Emamectin benzoate 5 % SG @ 4 g/10 lit.
<b>Brinjal</b>	<b>Nursery Stage</b>	There are possibilities of damping off infestation in brinjal nusery field. For

		management farmers are advised to apply <i>Pseudomonas fluorescens</i> 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>Animal science</b>	<b>Dairy animals</b>	Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals. Deworm and detick the dairy animals to avoid parasitic infection.
	<b>Sheep and Goat</b>	Deworm and detick sheep and goats to avoid endo-parasitic infestation. Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals. Farmers are advised not to allow the animals to graze in the new grown pasture after rainy season.
	<b>Poultry</b>	Farmers are advised to provide concentrate feed in dividend dose to avoid feed wastage and improve the body weight in birds.
<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,**  
District Agro-Met Unit,  
Krishi Vigyan Kendhra,  
Kancheepuram, Tamil Nadu.