



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 27.07.2022 - 31.07.2022)



Bulletin No: 059/KVK/KPM/2022

Day & Date: Tuesday & 26.07.2022

Weather forecast for next five days (until 8.30 hrs of 31.07.2022)

Parameter	27.07.2022	28.07.2022	29.07.2022	30.07.2022	31.07.2022
Rainfall (mm)	06	03	03	00	02
Max. Temp °C	35	35	35	35	36
Min. Temp °C	27	27	27	28	28
Relative Humidity I	70	70	80	80	80
Relative Humidity II	40	50	50	50	50
Wind Speed (km/hr)	09	08	07	09	09
Wind Direction	West	West	West	West	West
Cloud Cover	Mostly cloudy	Mostly cloudy	Mostly cloudy	Partly cloudy	Mostly cloudy

Weather Forecast: In the upcoming five days, there are possibilities of very light – light intensity rainfall on 27.07.2022, 28.07.2022, 29.07.2022 and 31.07.2022 in Kancheepuram and Chengalpattu district. The daily maximum and minimum temperature may vary from 35-36 and 27-28 degree Celsius respectively. The relative humidity of the day may vary from 40-80%. The wind may blow with an average velocity 07-09 km/hr. in West direction. The sky may look mostly cloudy. **General Advisory:** From the extended range forecast of IMD, Above normal rainfall, Normal maximum temperature and minimum temperature is expected for the period of 31.07.2022 to 07.08.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		The forecasted weather may cause sucking pest and leaf hoppers infestation in vegetable crops. Farmers are advised to monitor the infestation and necessary plant protection measures taken up.
SMS		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.
Crop – Rice	Tillering Stage	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.
Ground Nut	Flowering/ pod formation	There are possibilities of late leaf spot infestation in groundnut crop. For management farmers are advised to Carbendazim @ 100 gram/acre or Mancozeb @ 200 gram/acre.
Brinjal	Fruiting stage	There are possibilities of fruit borer infestation in Brinjal crop. For management farmers are advised setup the pheromone trap @ 6/ac.

Animal science	Dairy animals	Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals. Deworm and detick the Calves to avoid parasitic infection.
	Sheep and Goat	Farmers are advised to vaccination the goat against enterotoxemia disease in nearby veterinary dispensary. Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals.
	Poultry	Farmers are advised to vaccinate the poultry birds against Ranikhet disease in nearby veterinary dispensary. Farmers are advised to provide hot and cooled water to birds to avoid <i>E.coli</i> infestation in birds.
Fisheries	Common Fish	Due to low temperature and cloudy weather in upcoming five days, the morning feed may be delayed for one hour or more. The fish/prawn feeds may be stored in better condition to avoid fungal infection due to forecasted humid weather.
	Inland fish culture	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. Feeding may be performed at morning 7 AM 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.
	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.		

Nodal Officer,
District Agro-Met Unit,
Krishi Vigyan Kendhra,
Kancheepuram, Tamil Nadu.