



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 16.03.2022 – 20.03.2022)



Bulletin No: 021/KVK/KPM/2022

Day & Date: Tuesday & 15.03.2022

Weather forecast for next five days (until 8.30 hrs of 20.03.2022)

Parameter	16.03.2022	17.03.2022	18.03.2022	19.03.2022	20.03.2022
Rainfall (mm)	00	00	00	00	00
Max. Temp °C	35	35	35	35	35
Min. Temp °C	24	24	24	24	24
Relative Humidity I	85	85	85	85	85
Relative Humidity II	50	50	50	50	50
Wind Speed (km/hr)	08	08	08	08	08
Wind Direction	East	South Southeast	East	East	East
Cloud Cover	Mostly Clear sky	Mostly Clear sky	Mostly Clear sky	Partly cloudy	Partly cloudy

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 35 degree Celsius and minimum temperature may be around 24 degree Celsius. The relative humidity of the day may vary from 50-85%. The wind may blow with an average velocity 08 km/hr. in East to South direction. The sky may look clear mostly clear and in some days it 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 expected for the period of 20.03.2022 to 26.03.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		Farmers are advised to irrigate their crop fields depends on the soil moisture availability. Groundnut crop in pod formation and development stage farmers may Spray TNAU Groundnut rich 2 kg/acre in 200 liter water.
SMS		During this season, dry fish preparing fisherflok are advised that 3 kg of fishes may be used for spreading in one square meter area for efficient drying.
Crops – Paddy	Tillering and panicle initiation stage	The forecasted weather may cause Stem borer 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.
Ground nut	Maturity stage	There are possibilities of late leaf spot disease infestation in Ground nut crop. For management farmers are advised to Spray Carbendazim 100gram or Mancozeb 200 gram per acre in 200 liter of spray solution.
Chilli	Fruiting stage	There are possibilities of late leaf spot disease infestation in Leaf curl virus disease infestation in Chilli. For management farmers are advised to spray

		Dimethoate 2ml/liter or Acephate 1g per liter of water.
Brinjal	Fruiting stage	There are possibilities of fruit and shoot borer infestation in brinjal crop. For management farmers are advised to spray Emamectin benzoate 5 % SG @ 4 gram/10 liter of water.
Brinjal	Fruiting stage	In brinjal there are possibilities of Brown leaf hopper transmitted little leaf disease infestation. For management farmers are advised spray dimethoate @ 0.3%.
Animal science	Dairy animals	Farmers are advised to provide clean potable cool water to dairy animals during hot weather to avoid dehydration in animals. Farmers are advised to deworm and detick their dairy animals in nearby veterinary dispensary.
	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	To sustain the plankton intensity in fish ponds farmers may reduce 50 % water exchange level from the original level.
	Common fish	Farmers are advised to add 1-3% of fish oil in daily fish feed to enhance the feed intake and fat content supplements. During this season, dry fish preparing fisherflok are advised that 3 kg of fishes may be used for spreading in one square meter area for efficient drying.
	Ornamental fish	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.