



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 19.03.2022 – 23.03.2022)



Bulletin No: 022/KVK/KPM/2022

Day & Date: Friday & 18.03.2022

Weather forecast for next five days (until 8.30 hrs of 23.03.2022)

Parameter	19.03.2022	20.03.2022	21.03.2022	22.03.2022	23.03.2022
Rainfall (mm)	00	00	00	00	00
Max. Temp °C	38	38	39	39	39
Min. Temp °C	23	23	24	24	24
Relative Humidity I	65	65	65	65	65
Relative Humidity II	45	45	45	45	45
Wind Speed (km/hr)	10	10	08	08	08
Wind Direction	South Southeast	South Southeast	Southwest	Northwest	North Northeast
Cloud Cover	Mostly Clear Sky	Mostly Clear Sky	Mostly Clear Sky	Mostly Clear Sky	Mostly Clear Sky

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 38-39 degree Celsius and minimum temperature may be around 23-24 degree Celsius. The relative humidity of the day may vary from 45-65%. The wind may blow with an average velocity 08-10 km/hr. in North Northeast to Northwest direction. The sky may look clear mostly clear during day time. **General Advisory:** From the extended range forecast of IMD, above normal rainfall, moderately above normal maximum temperature and minimum temperature expected for the period of 23.03.2022 to 29.03.2022 over Tamil Nadu and Pondicherry region.

WEATHER BASED AGRO ADVISORY:

Crop	Stage	Agromet Advisory
General		Farmers are advised to plough the fields after the harvest of black gram and green gram. Farmers are advised to irrigate their crop fields depends on the soil moisture availability.
SMS		There are possibilities of Rugose Spiraling whitefly infestation in tree crops. For management farmers may spray neem oil @ 3%.
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.
Sugarcane	Tillering Stage	To Manage the early shoot borer in sugarcane farmers may apply Carbofuran 3 G @ 10 kg/ac.
Brinjal	Fruiting stage	There are possibilities of mite infestation in brinjal crop. For management farmers are advised to spray dicofol 18.5 EC @ 2 ml/liter or wettable sulphur @ 3 g/liter of water.

Coconut	Tree	In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.
Banana	Tree	There are possibilities of Rugose Spiraling whitefly infestation in banana. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.
Guava	Tree	There are possibilities of Rugose Spiraling whitefly infestation in Guava. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.
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	The Water transparency/Plankton density may be maintained up to 30-45 cm. Garlic paste 4-6% may be provided along with feed to enhance food intake and improve health status.
	Common fish	Model fish sampling may be performed either in morning or late evening hours to access the disease incidence in weekly or fortnightly basis.
	Ornamental fish	Ornamental fish farmers are advised to offer remove fecal matters are being settled at fish tanks for controlling ammonia level.
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.