



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
 Tamil Nadu Agricultural University,  
 Coimbatore, Tamil Nadu



## Agromet Advisory Bulletin

Date : 17-05-2022

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2022-05-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-18	2022-05-19	2022-05-20	2022-05-21	2022-05-22
Rainfall(mm)	10.0	4.0	0.0	0.0	0.0
Tmax(°C)	36.0	36.0	37.0	38.0	38.0
Tmin(°C)	26.0	27.0	28.0	28.0	28.0
RH-I(%)	75	75	75	75	75
RH-II(%)	60	60	60	60	60
Wind Speed(kmph)	10.0	10.0	10.0	10.0	10.0
Wind Direction(Degree)	140	160	200	200	200
Cloud Cover(Octa)	6	5	3	3	3

### Weather Summary/Alert:

Light to moderate rainfall may be expected on 18th, 19th May; Wind speeds may be around 10.0 km/ hour; Wind direction may be in the South South West to West direction; The maximum temperature may be range from 36.0°C-38.0°C and minimum temperatures may be range from 26.0°C-28.0°C; Morning Relative humidity may be expected around 75% and Evening Relative humidity may be expected around 60%.

### General Advisory:

From extended range forecast Above normal rainfall and Moderately below normal maximum temperature & minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu.

### SMS Advisory:

1. Farmers are advised to harvest the mature crop, 2. Based on soil moisture provide irrigation to the crop; 3. Avoid spraying operation.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Navarai Season- Reproductive to Ripening Phase (Milky stage to Grain maturing stage) - 1.False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages; 2.Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre; 3.Rice grain discoloration- Spray tebuconazole 50% + trifloxystrobin 25% WG @ 200 gm/ha at 50% flowering stage.( After Rainfall)
RICE	Sornavari season-Nursery Stage- Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 10 litre of water. ( After Rainfall)
SUGARCANE	Sugarcane-Early shoot borer- Spray Thiamethoxam 75% w/w SG @ 64 g (or) Spray Chlorantraniliprole 18.5 % SC @ 150 ml per acre in 200 litre of water. ( After Rainfall)

**Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal- 1.Shoot and fruit borer - Neem seed kernel extract (NSKE) 5 % (or) Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector. ( After Rainfall)
GUAVA	Guava- 1.Mealy bug- Spray Triozhophos 2 ml+ neem oil 5 ml/1litre of water; Release Cryptolaemus montrouzieri beetles @ 10/tree; 2.Tea Mosquito Bug- Spray Imidacloprid 0.6 ml/l (or) Thiamethoxam 0.6 g /l. ( After Rainfall)
MANGO	Mango Tree- Fruit fly- Prepare bait with methyl eugenol 1% solution mixed with malathion @ 2.0 ml/l. Take 10 ml of this mixture per trap.