



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



## Agromet Advisory Bulletin

Date : 10-03-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-03-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-11	2023-03-12	2023-03-13	2023-03-14	2023-03-15
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	33.0	33.0	34.0
Tmin(°C)	24.0	24.0	24.0	25.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	40	40	40	40	40
Wind Speed(kmph)	4.0	6.0	6.0	4.0	6.0
Wind Direction(Degree)	250	270	290	340	340
Cloud Cover(Octa)	0	0	0	0	0

### Weather Summary/Alert:

Dry weather condition may be for forthcoming days; Wind speeds may be range from 4.0-6.0 km/ hour; Wind direction may be in the South West to East North West direction; The maximum temperature may be range from 32.0°C-34.0°C and minimum temperatures may be range from 24.0°-25.0°C; Morning Relative humidity may be expected around 90% and Evening Relative humidity may be expected around 40%.

### General Advisory:

From extended range forecast Above normal rainfall and Below normal maximum temperature & normal minimum temperature expected for the period of 15.03.2022 to 21.03.2022 over Tamil Nadu.

### SMS Advisory:

Dry weather condition may be expected for forthcoming days, so farmers are advised to irrigate the crop based on the soil moisture.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Nursery to Stem Elongation Stage- 1.Thrips- Spray azadirachtin 0.15% @ 600-1000 ml/acre (Or) Spray Thiamethoxam 25 WG @ 40 g/acre; 2.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 3.Algal growth- Apply for Copper sulfate 1 kg/ acre in mix with irrigation water; 4.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 5. Rice blast - Spray Propiconazole 75 WP @ 200ml per acre in 200 litres of water (or) spray Tricyclozole @ 2g/lit of water; 5. Bacterial leaf blight- spray twice copper hydroxide 77 WP @500 g/acre; 30 and 45 days after planting (or) spray streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 500 g per acre in 200 litres of water. If necessary repeat 15 days later.
BLACK GRAM	Black gram- 1.Spotted pod bore- Spray Thiodicarb 75% WP 250g per acre in 200 litres of water; 2.Yellow mosaic virus- Spray methyl demeton 25 EC 200ml or thiamethoxam 75WG

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	@ 40g per acre in 200 litres of water.
GREEN GRAM	Green gram- Spotted pod bore- Spray Thiodicarb 75% WP 250g per acre in 200 litres of water.
GROUNDNUT	Groundnut- 1.Tobacco caterpillar- Spray Neem oil (2%) 8 litre per acre or Quinalphos 25 EC 300ml /acre. and Monitor the emergence of adult moths by setting up light and pheromone traps; 2. Late leaf spot- Spray hexaconazole 5% EC @ 600 ml (or) Spray propiconazole 25% EC @ 200 ml per acre in 200 litres of water.
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.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- 1. Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2.Yellow muranai mite- Spray Buprofezin 25 SC 8.0 ml /10 lit (or) Spray Emamectin benzoate 5 SG 4 g /10 lit.
BRINJAL	Brinjal- 1.Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.
MANGO	Mango- Flower webber- Spray phosalone 35 EC 2ml/l.
COCONUT	Coconut- Rugose Spiralling Whitefly- 1.Release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac); 2. Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac; 3.Release of Chrysoperla zastrowi sillemi eggs @ 500/ac in young palm; 4. Spray Neem Oil 5ml/l and Sooty mould spray 5% maida.
WATER MELON	Water melon- yellow mosaic virus (white fly)- Spray Imidacloprid 70% WR 60 ml per acre in 200 liters of water. (Or) Spray Neem seed kernel extract 5%.