



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



Agromet Advisory Bulletin

Date : 14-03-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-03-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-15	2023-03-16	2023-03-17	2023-03-18	2023-03-19
Rainfall(mm)	0.0	0.0	1.0	2.0	4.0
Tmax(°C)	33.0	33.0	33.0	32.0	32.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	90	90	90	90	90
RH-II(%)	30	40	40	50	50
Wind Speed(kmph)	4.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	270	340	360	20	20
Cloud Cover(Octa)	0	0	3	3	4

Weather Summary/Alert:

Very light to light rainfall may be expected from 17th to 19th March; Wind speeds may be range from 4.0-6.0 km/ hour; Wind direction may be in the North North East to North North West direction; The maximum temperature may be range from 32.0°C-33.0°C and minimum temperatures may be range from 23.0°-24.0°C; Morning Relative humidity may be expected around 90% and Evening Relative humidity may be expected range from 30-40%.

General Advisory:

From extended range forecast Above normal rainfall and Below normal maximum temperature & normal minimum temperature expected for the period of 19.03.2022 to 25.03.2022 over Tamil Nadu.

SMS Advisory:

Inward ring basin may be strengthened around fruit trees to harvest anticipated rainfall in the root zone. Since light rainfall is expected irrigation may be done according to soil moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Tilling Stage to Flowering 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.

Crop(Varieties)	Crop Specific Advisory
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 @ 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 300m l/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%.