



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



Agromet Advisory Bulletin

Date : 03-01-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-01-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-04	2023-01-05	2023-01-06	2023-01-07	2023-01-08
Rainfall(mm)	2.0	2.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	31.0	32.0	32.0
Tmin(°C)	23.0	23.0	24.0	24.0	24.0
RH-I(%)	90	90	90	90	90
RH-II(%)	60	60	60	50	50
Wind Speed(kmph)	6.0	10.0	8.0	6.0	10.0
Wind Direction(Degree)	50	70	70	20	20
Cloud Cover(Octa)	3	3	2	3	5

Weather Summary/Alert:

Very light rainfall may be expected on 4th & 5th January; Wind speeds may be range from 6.0-10.0 km/hour; Wind direction may be in the North North East to North North East direction; The maximum temperature may be range from 31.0°C-32.0°C and minimum temperatures may be range range from 23.0°C-24.0°C; Morning Relative humidity may be range expected around 90% and Evening Relative humidity may be expected range from 50-60%

General Advisory:

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 06.01.2023 to 12.01.2023 over Tamil Nadu.

SMS Advisory:

Relative humidity expecting more it's favorable for pest and disease incidence, so farmers are advised to monitor the incidence of pests and diseases.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Tillering Stage to Stem Elongation-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 2. Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
RICE	Panicle Initiation to Flowering Stages -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.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 4. Rice Grain Discoloration- Spray tebuconazole 50% + trifloxystrobin 25% WG @ 80 gm per acre in 200 litres of water at 50% flowering stage.
GROUNDNUT	Seed Treatments- Treat the seed with Trichoderma viride @ 4 g/kg seed or Pseudomonas fluorescens @ 10 g/kg seed. If the seed treatment is not carried out apply 10packets of

Crop(Varieties)	Crop Specific Advisory
	Rhizobium (2000g/ha) + 10 packets of Azospirillum (2000 g/ha) and 10 packets(2000 g) of Phosphobacteria with 25 kg of FYM and 25 kg of soil before sowing.
BLACK GRAM	Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (or) Spray fipronil 5% SC 1.5 ml/ 1 liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: Pristomerus testaceus, Cremastus flavoorbitalis.
COCONUT	1. 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; 2. Rhinoceros beetle- setup Rhino lure pheromone trap @ 5 traps/ ha.