



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



Agromet Advisory Bulletin

Date : 19-12-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-12-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-20	2023-12-21	2023-12-22	2023-12-23	2023-12-24
Rainfall(mm)	2.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	31.0	32.0
Tmin(°C)	24.0	25.0	25.0	26.0	26.0
RH-I(%)	90	90	90	80	90
RH-II(%)	60	60	50	50	70
Wind Speed(kmph)	14	12	10	12	14
Wind Direction(Degree)	20	20	50	70	20
Cloud Cover(Octa)	6	7	4	4	3

Weather Summary/Alert:

Very light rainfall may be expected on 20th December; the maximum temperature may be range from 30.0°C-32.0°C and minimum temperatures may be range from 24.0°C-26.0°C; Relative humidity may be range from 70-90%; Wind speeds may be range from 10.0-14.0 km/ hour; Wind direction may be in the north east to east direction.

General Advisory:

From extended range forecast Above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 24.12.2023 to 30.12.2023 over Tamil Nadu.

SMS Advisory:

farmers are advised to spray pesticide/fungicide with sticking agent.

Crop Specific Advisory:

Crop Stage	Crop Specific Advisory
RICE	Samba Season-Panicle Initiation to Harvesting Stages-Due to prevailing weather conditions may be expected for following pest and disease in paddy fields in order to control-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; 3. Rice blast - Spray metominostrobin 20 SC @ 200 ml per acre in 200 litres of water or Spray Azoxystrobin 25 SC @ 200 ml per acre in 200 litres of water; 4. False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages

Crop Stage	Crop Specific Advisory
RICE	Navarai Season- Seed Treatment- Biofertilizers like Azospirillum / Phosphobacteria / Pseudomonas (@ 1.25 kg / 60 – 70 kg of seeds/hectre) in one litre of cooled rice gruel. Spread the sprouted seeds on a clean floor, add the biofertiliser slurry and mix well. The mixing of seed and biofertiliser slurry can be done in a pot as well. Dry the seeds in the shade for 30 minutes before sowing. Drying the seeds for half an hour in the bright sun before sowing improves germination and seedling vigour.
BLACK GRAM	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield.
GROUNDNUT	Foliar spray of TNAU Groundnut Rich @ 2 kg/acre in 200 litres of water at More flower retention Improves pod filling, Increases pod yield up to 15 per cent, Improves drought tolerance

Horticulture Specific Advisory:

Horticulture Stage	Horticulture Specific Advisory
CHILLI	Due to prevailing weather conditions leaf spot disease infestation occurrence in chilli fields in order to control spray copper oxychloride @ 2.5 g/litre of water.
BRINJAL	Due to prevailing weather conditions may be expected for following pest and disease in brinjal fields in order to control 1.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.