



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



Agromet Advisory Bulletin

Date : 18-09-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-09-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-19	2023-09-20	2023-09-21	2023-09-22	2023-09-23
Rainfall(mm)	2.0	3.0	4.0	2.0	6.0
Tmax(°C)	35.0	34.0	34.0	34.0	33.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	70	60	80	80	80
RH-II(%)	40	40	40	40	40
Wind Speed(kmph)	10	12	10	12	12
Wind Direction(Degree)	230	200	200	200	200
Cloud Cover(Octa)	7	8	7	6	7

Weather Summary/Alert:

Very light to light rainfall may be expected for forthcoming days; For next five days the maximum temperature may be range from 33.0°C-35.0°C and minimum temperatures may be range from 25.0°C-26.0°C; Relative humidity may be range from 40-80%; Wind speeds may be range from 10.0-12.0 km/ hour; Wind direction may be in the West South West to South West direction.

General Advisory:

From extended range forecast Above normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 20.09.2023 to 26.09.2023 over Tamil Nadu.

SMS Advisory:

Very light to light rainfall expected in the forthcoming days. So, farmers are advised to spray insecticides or fungicides with sticking agent.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Harvest the mature crops; 2. Farmers were advised to prepare nurseries for the upcoming samba season and recommended to utilize the past and prevailing weather conditions to prepare the land for cultivation; 3.Seed Treatment- Treat the seeds with talc based formulation of Bacillus subtilis 10g/kg of seed and soak in 1lit of water overnight; 4.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 5.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
GROUNDNUT	The current weather conditions are conducive to the occurrence of rust in groundnuts. It is recommended to closely observe the incidence and apply either Spray mancozeb @ 400 g /acre or chlorothalonil @ 400 g /acre or wettable sulphur @ 1000 g /acre. If necessary, repeat the spray 15 days later.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to prevailing weather conditions may be chance to powdery mildew incidence occur in black gram fields; Spray NSKE 5% or neem oil 3% twice at 10 days interval from initial disease symptom appearance (or) Spray 10% Eucalyptus leaf extract at initiation of the disease.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	1. The current weather conditions are conducive to the occurrence of Damping Off in chili. It is recommended to closely observe the incidence and Treat the seeds with <i>Trichoderma viride</i> @ 4 g / kg or <i>Pseudomonas fluorescens</i> @ 10 g /kg of seeds treat with 24 hours before sowing; 2. Powdery mildew- Spray wettable sulphur @ 3 g/l (or) carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
BRINJAL	Due to prevailing weather conditions may be chance to Powdery mildew incidence occurrence in brinjal fields to control Spray wettable sulphur @ 3 g/l (or) carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
BITTER GOURD	Due to prevailing weather conditions may be chance to Fruit fly infestation occurrence in bitter gourd fields to control Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags@ 10 / acre.
GUAVA	Due to prevailing weather conditions may be chance to Algal leaf spot infestation occurrence in guava fields to control can be reduced by maintaining tree vigor with cultural techniques such as i). proper fertilization and irrigation, proper pruning to enhance air circulation within the canopy and sunlight penetration, managing weeds and wider tree spacing; ii). Spray Copper oxychloride 0.25%.