



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



## Agromet Advisory Bulletin

Date : 12-09-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-09-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-13	2023-09-14	2023-09-15	2023-09-16	2023-09-17
Rainfall(mm)	2.0	2.0	3.0	3.0	4.0
Tmax(°C)	36.0	36.0	35.0	35.0	35.0
Tmin(°C)	28.0	27.0	27.0	26.0	26.0
RH-I(%)	60	70	60	70	70
RH-II(%)	40	30	40	40	40
Wind Speed(kmph)	12	14	14	16	16
Wind Direction(Degree)	250	250	250	270	270
Cloud Cover(Octa)	8	7	7	8	8

### 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 35.0°C-36.0°C and minimum temperatures may be range from 26.0°C-28.0°C; Relative humidity may be range from 30-70%; Wind speeds may be range from 12.0-16.0 km/ hour; Wind direction may be in the West South West to West direction.

### General Advisory:

From extended range forecast Normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 17.09.2023 to 23.09.2023 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	1. 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; 2. Red hairy Caterpillar- i).Prepare small balls with 10 kg rice bran+1 kg jaggery+1 liter quinolphos broad-cost in the fields preferably in the evening

Crop(Varieties)	Crop Specific Advisory
	times ii).Dusting of carbaryl or quinolphos @ 25-30 kg/ha would be effective in the control of young larvae; iii). Spray QuinalPhos 2 ml/lit of water may be used to control grown up caterpillars.
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 Cercospora leaf spot in chili. It is recommended to closely observe the incidence and spray twice at 10-15 days interval with Mancozeb 0.25% or Chlorothalonil (Kavach) 0.1%; 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 fruit borer infestation occurrence in brinjal fields to control spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: <i>Pristomerus testaceus</i> , <i>Cremastus flavoorbitalis</i> .
JASMINE	Due to prevailing weather conditions may be chance to occur in following pest and disease jasmine fields; 1.Blossom midge- Spray Chlorantraniliprole 18.5 SC @ 0.5 ml/lit (or) Spray Novaluron 10 EC 3ml/lit; 2.Bud worms by applying Thiacloprid 240 SC @ 1 ml per liter of water or Spinosad 45 SC at a concentration of 0.5 ml per liter of water; 3. Root rot- Soil drenching with trifloxystrobin + tebuconazole @ 0.75 g/litre or difenoconazole @ 0.5ml /l.