



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



## Agromet Advisory Bulletin

Date : 29-07-2022

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2022-07-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-30	2022-07-31	2022-08-01	2022-08-02	2022-08-03
Rainfall(mm)	0.0	3.0	28.0	55.0	65.0
Tmax(°C)	36.0	36.0	35.0	34.0	32.0
Tmin(°C)	28.0	27.0	27.0	25.0	23.0
RH-I(%)	80	80	90	90	90
RH-II(%)	40	40	50	50	50
Wind Speed(kmph)	8.0	8.0	10.0	10.0	12.0
Wind Direction(Degree)	270	270	270	280	280
Cloud Cover(Octa)	4	6	8	8	8

### Weather Summary/Alert:

light to heavy rainfall may be expected from 31st July to 3rd august; Wind speeds may be range from 8.0-12.0 km/ hour; Wind direction may be in the West direction; The maximum temperature may be range from 32.0°C-36.0°C and minimum temperatures may be range from 23.0°C-28.0°C; Morning Relative humidity may be range from 80-90% and Evening Relative humidity may be range from 40-50%.

### General Advisory:

From extended range forecast above normal rainfall, normal maximum temperature and below normal minimum temperature expected for the period of 07.08.2022 to 14.08.2022 over Tamil Nadu.

### SMS Advisory:

1.Provide proper drainage facility so that water does not stagnate in the field; Avoid spraying and fertilizer application

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	sornavari Season-Rice- Vegetative stage-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litre of water ; 2.Bacterial leaf blight - Initial stages- spray twice copper hydroxide 77 WP 500g per acre in 200 litre of water and severe stage- Spray streptomycin + Tetracycline 120g + copper oxychloride 500g for one acre in 200 litre water; 3.Leaf folder- Spray Azadirachtin 0.03% 400 ml 200 litres of water (Or) Spray NSKE 5 %. (After Rainfall)
RICE	Sornavari Season-Rice- Flowering stage-1.False smut- Spray for Propiconazole 25 EC @ 200 ml/acre; (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages; 2.Brown spot-Spray metominostrobin @ 200 ml per acre in 200 litre of water; after observing initial infection of the disease. (After Rainfall)

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Samba Season-Rice Variety Selection- ADT- 54 -Variety suitable for samba season alternate to BPT 3204, 130-135 days duration and medium slender grain, moderately resistant to stem borer and blast, Direct sown semi dry areas; CR1009 Sub 1 Variety suitable for flooded condition, 140-180 days and moderately resistant to BPH, WBPH, Brown spot and Leaf Blast. CR1009 Sub1 has short bold grain type.
SUGARCANE	Sugarcane- Inter nodes borer- Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / acre. at 15 days intervals starting from 4th month on wards. Avoid the use of excessive nitrogenous fertilizers. Collect and destroy the eggs periodically. Detrash the crop on 150th and 210th day of planting. (After Rainfall)
OKRA/ LADYFINGER	Bhendi/Okra-Seed Treatment- Seed treatment with Trichoderma viride @ 4 g/kg of seeds and again with 400 g of Azospirillum using starch as adhesive and dried in shade for 30 minutes. (After Rainfall)

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	Brinjal- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.

#### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	1. High wind speed is expected sometimes, so farmers are advised to prop the moringa and banana crops. 2. Light to moderate rainfall is expected on forthcoming days, so farmers are advice to harvest mature crops and store harvest crops in godowns or cover with tarpolin.