



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



Agromet Advisory Bulletin

Date : 19-08-2022

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2022-08-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-20	2022-08-21	2022-08-22	2022-08-23	2022-08-24
Rainfall(mm)	3.0	0.0	3.0	5.0	8.0
Tmax(°C)	37.0	38.0	37.0	37.0	36.0
Tmin(°C)	28.0	29.0	28.0	28.0	27.0
RH-I(%)	70	70	70	70	80
RH-II(%)	40	40	40	40	40
Wind Speed(kmph)	10.0	12.0	12.0	12.0	10.0
Wind Direction(Degree)	280	280	270	270	270
Cloud Cover(Octa)	8	6	6	8	8

Weather Summary/Alert:

Light to moderate rainfall may be expected from 17th to 20th August; Wind speeds may be range 10.0-12.0 km/ hour; Wind direction may be in the West direction; The maximum temperature may be range from 36.0°C-38.0°C and minimum temperatures may be range from 27.0°C-29.0°C; Morning Relative humidity may be range from 70-80% and Evening Relative humidity may be range 40%.

General Advisory:

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 24.08.2022 to 30.08.2022 over Tamil Nadu.

SMS Advisory:

1.Based on soil moisture provide irrigation to the crop; 2.Avoid fertilizer application.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Sornavari Season-Rice-Flowering stage to Grain mature 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.Grain discoloration- Spray carbendazim + thiram + mancozeb (1:1:1) @ 0.2% at 50% flowering stage; 3.Ear head bug -Spray Neem seed kernel extract 5%; 4.farmers are advice to harvest the mature crop immediately and maintain 8-12% moisture content for safe storage.
RICE	Rice- Samba Season-Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Leaf folder- Spray Azadirachtin 0.03% 400 ml (Or) Chlorantraniliprole 18.5% SC 150 g per acre in 200 litres of water; 3.Whoil maggots- Spray Cartap hydrochloride 4% G 7.5-10 kg (or) Spray Fipronil 5% SC 400-600 g per acre in 200 litres of water; 4. Alage growth of paddy field- apply 2 kg of copper sulfate mix with sand.

Crop(Varieties)	Crop Specific Advisory
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.
RICE	Rice- Samba Season-Nursery stage- Green plant hopper- Broadcast carbofuran 3% CG 3.5 kg in 20 cents and Maintain 2.5 cm of water in the nursery.
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- Thrips -Spray imidacloprid 17.8% SL 3 ml/10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/liter of water.
BRINJAL	Brinjal- Shoot and fruit borer - Neem seed kernel extract (NSKE) 5 % (or) Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval.
GUAVA	Guava- Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water; Release Cryptolaemus montrouzieri beetles @ 10/tree.
BITTER GOURD	Bitter Guard- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags @ 10 / acre.