



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



Agromet Advisory Bulletin

Date : 28-10-2022

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2022-10-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-10-29	2022-10-30	2022-10-31	2022-11-01	2022-11-02
Rainfall(mm)	10.0	8.0	4.0	10.0	15.0
Tmax(°C)	30.0	30.0	31.0	30.0	30.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	80	80	80	90	80
RH-II(%)	50	50	60	60	60
Wind Speed(kmph)	12.0	10.0	12.0	12.0	10.0
Wind Direction(Degree)	50	50	40	90	90
Cloud Cover(Octa)	8	8	8	8	8

Weather Summary/Alert:

Light to moderate rainfall there may be expected for forthcoming days ; Wind speeds may be range from 10.0-12.0 km/ hour; Wind direction may be in the North East to East direction; The maximum temperature may be range from 30.0°C to 31.0°C and minimum temperatures may be range from 23.0°C to 24.0°C; Relative humidity may be range from 60-90%.

General Advisory:

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 02.11.2022 to 08.11.2022 over Tamil Nadu.

SMS Advisory:

Light to moderate rainfall is expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 4.Green leaf hopper - Spray Imidacloprid 17.8% SL 40-50 ml/litre @ acre (OR) Spray Thiamethoxam 25% WG 40g/litre @ acre. and set up light traps to attract to control green leaf hopper.
SUGARCANE	Internode borer- I). Release egg parasitoid, Trichogramma chilonis at the rate of 1.0 cc / release/ha (Six releases at 15 days interval starting from fourth month); II). Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath; III). Avoid the use of excessive nitrogenous fertilizers; 2. Termite- Spray Chlorantraniliprole 18.5% SC @ 200 ml (or) Thiamethoxam 75% w/w SG 64 g per acre in 200 litres of water.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Black gram- Aphids- Spray Methyl demeton 25% EC 500 ml (or) Spray Dimethoate 30% EC 500 ml per acre in 200 litres of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	Bhendi-1.Shoot and fruit borer- Spray carbaryl 50% WP 400g (or) Azadirachtin 5% 400 ml per acre in 200 litres water; and Set up pheromone traps @ 2/acre. Release first instar larvae of Chrysoperla carnea @ 40,000/acre; 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.
BITTER GOURD	Bitter Gourd- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags@ 10 / acre.
BRINJAL	Brinjal- 1.Fruit borer- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/litre of water of chemical starting from one month after planting at 15 days interval. (or) Spray Emamectin benzoate 5 % SG 4 g/10 litre of water; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector; 3.Aphids -Release 1st instar larvae of Green lace wing predator (Chrysoperla carnea) @ 4,000/acre.
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.
PAPAYA	Papaya- Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water.
GUAVA	Guava- Mealy bug- Release Cryptolaemus predatory beetles @10/tree. set up light trap.