



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



Agromet Advisory Bulletin

Date : 16-07-2021

Weather Forecast of THIRUVALLUR(Tamil Nadu) Issued On : 2021-07-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-17	2021-07-18	2021-07-19	2021-07-20	2021-07-21
Rainfall	5.0	4.0	4.0	2.0	2.0
Tmax(°C)	33.0	34.0	35.0	35.0	35.0
Tmin(°C)	26.0	27.0	27.0	27.0	27.0
RH-I(%)	90	90	90	85	85
RH-II(%)	50	50	50	50	50
Wind Speed(kmph)	8.0	8.0	8.0	8.0	8.0
Wind Direction(Degree)	200	200	230	230	230
Cloud Cover(Octa)	7	7	7	7	7

Weather Summary/Alert:

Very light to light rainfall may be expected for forthcoming days; Wind speeds may be around 8.0 km/hour; Wind direction may be in the South South West to South West direction; The maximum temperature may be range from 33.0°C -35.0°C and minimum temperature may be range from 26.0°C-27.0°C ; Relative humidity may be range from 50-90%.

General Advisory:

From the extended range forecast, below normal rainfall and normal temperature expected for the period of 21st to 27th July over Tamil Nadu.

SMS Advisory:

Inward ring basin may be strengthened around fruit trees to harvest anticipated rainfall in the root zone. Since light to moderate rainfall is expected irrigation may be done according to soil moist

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Vegetative & Tillering stage- 1. Whorl maggots- fipronil 5% SC 400-500 ml per acre in 200 litres of water; 2. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g.; 3. Leaf folder- Spray Azadirachtin 0.03% 400 ml (Or) Chlorantraniliprole 18.5% SC 150 g per acre in 200 litres of water; 4. Alage growth of paddy field- apply 2 kg of copper sulfate mix with sand; 5. Bacterial leaf blight - spray twice copper hydroxide 77 WP 500g (or) Spray Neem oil 60 EC 3%.
BLACK GRAM	Black gram- Spotted pod borer- Spray Thiodicarb 75% WP 250g per acre in 200 litres of water.
GROUNDNUT	Groundnut- 1. Leaf miner- Spray Methyl demeton 25 EC 1000 ml per acre in 200 litres of water; and Set up 4-5 light trap between 8 to 11 pm at ground level; 2. Tobacco caterpillar- Spray Neem oil (2%) 8 litre per acre in 200 litres of water; and Monitor the emergence of adult moths by setting up light and pheromone traps.

Crop(Varieties)	Crop Specific Advisory
RICE	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.
RICE	RICE- Harvesting stage-1. Ear head bug -Spray Neem seed kernel extract 5%; 2.farmers are advice to harvest the mature crop immediately and maintain 8-12% moisture content for safe storage.
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	Mango- 1.Fruit flies- Pheromone trap with methyl eugenol 1 ml in 1 litre of water + 1 ml of malathion solution will attract and kill the female insects. Take 10 ml of this mixture per trap and keep them in 10 different places in one acre.
GUAVA	Guava- after harvest remove the Branches that cross over each other which leads to higher yields in the following seasons.