



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



Agromet Advisory Bulletin

Date : 04-07-2023

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2023-07-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-05	2023-07-06	2023-07-07	2023-07-08	2023-07-09
Rainfall(mm)	6.0	4.0	4.0	0.0	2.0
Tmax(°C)	34.0	34.0	33.0	34.0	34.0
Tmin(°C)	27.0	26.0	26.0	27.0	27.0
RH-I(%)	70	70	70	60	60
RH-II(%)	50	50	60	40	40
Wind Speed(kmph)	16	10	14	12	14
Wind Direction(Degree)	230	200	230	250	270
Cloud Cover(Octa)	8	8	8	8	7

Weather Summary/Alert:

Very light to light rainfall may be expected on 05th, 06th, 07th & 09th July; For next five days the maximum temperature may be range from 33.0°C-34.0°C and minimum temperatures may be range from 26.0°C-27.0°C; Relative humidity may be range from 40-70%; Wind speeds may be range from 10.0-16.0 km/ hour; Wind direction may be in the South West to West direction.

General Advisory:

From extended range forecast Above normal rainfall, normal minimum temperature and maximum temperature expected for the period of 09.07.2023 to 15.07.2023 over Tamil Nadu.

SMS Advisory:

Very light to light rainfall may be expected in the forthcoming days, so while going for chemical spray add sticky agent.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Transplanting of short duration rice varieties can be continued with drainage and provide proper drainage facility to the nursery field; 2. Prevailing weather condition may cause leaf folder infestation in paddy crop. To control spray carbosulfan 400 ml/acre; 3. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4. Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500 g per acre in 200 litres of water; 30 and 45 days after planting.
GROUNDNUT	1. Based on past and forecasted rainfall event there may be chance of high soil moisture which leads to root rot in groundnut to control spray soil application of bacillus subtilis @ 2.5 kg /ha with 50 kg of well decomposed FYM / sand at 30 Days After sowing; 2. Red hairy caterpillar- Dig a trench 30 cm deep and 25 cm wide with perpendicular sides around the infested fields to avoid larval migration and In rain fed crop set up 3 to 4 light traps.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Inter node 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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	1. To control the Rhinoceros beetle 1. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults. 2. Apply mixture of neem seed powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
COCONUT	Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. Also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
RAIN WATER HARVESTING	1. It is recommended to prioritize repairing water channels, farm ponds and other water bodies promptly to collect rainwater; 2. It is recommended to undertake measures to strengthen the basins in order to improve rainwater harvesting efficiency in guava and mango crop.