

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

Agromet Advisory Bulletin

Date : 20-05-2022

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2022-05-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-21	2022-05-22	2022-05-23	2022-05-24	2022-05-25
Rainfall(mm)	0.0	2.0	4.0	12.0	0.0
Tmax(°C)	37.0	37.0	38.0	38.0	35.0
Tmin(°C)	27.0	28.0	28.0	26.0	27.0
RH-I(%)	75	75	75	75	75
RH-II(%)	65	65	65	65	65
Wind Speed(kmph)	10.0	10.0	10.0	10.0	10.0
Wind Direction(Degree)	230	250	290	290	230
Cloud Cover(Octa)	4	4	6	7	4

Weather Summary/Alert:

Light to moderate rainfall expected on 23.05.2022, 24.05.2022 and 25.05.2022. Partly cloudy sky appears in next five days. Morning time humidity 75%, in day time 65% will expected. Maximum temperature will be 35.0-38.0 °C and Minimum temperature will be 26.0-28.0 °C. High wind speed of 10 kmph expected from southwest to west directions.

General Advisory:

From extended range forecast below normal rainfall, maximum temperature and normal minimum temperature expected for the period of 25.05.2022 to 31.05.2022 over Tamil Nadu.

SMS Advisory:

Farmers are advised to irrigate crop based on the soil moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	1. Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	To reduce the root rot infection in groundnut treat the seeds with carbendazim or thiram @ 2.0 g/kg of seed 24 hours before sowing (or) Trichodermaviride@ 4.0 g/kg of seed and Pseudomonas fluorescens @ 10 g/kg seed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	1. Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromone trap@ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter. 2. Prevailing weather is favorable for root rot infestation in brinjal. To control spot drench with carbendazim 1.0 g/lit.
CHILLI	• In chilli crop Thrips infestation observed in many place, to control treat the seed with imidacloprid 70 WS 12 g/kg of seed or thiamethoxam 30 FS 12 ml/kg. • Spray following one insecticides to control thrips imidacloprid 17.8 SL @ 3.0 ml/10 lit or dimethoate 30 EC @ 10ml/ 10 lit or emamectin benzoate 5 % SG @ 4.0 g/10 lit or fipronil 5 % SC @ 15 ml/ 10 lit or spinosad 45 % SC @ 3.2 ml/ 10 lit or spinetoram 11.7 SC @ 10 ml/ 10 lit or thiacloprid 21.7 SC @ 6.0 ml/ 10lit or acetamiprid 20 SP @ 2.0 g/10 lit.
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage build up of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.
CHILLI	Prevailing weather is favorable for root rot infestation in chilli. To control spot drench with carbendazim 1.0 g/lit.