



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



Agromet Advisory Bulletin

Date : 17-02-2023

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2023-02-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-18	2023-02-19	2023-02-20	2023-02-21	2023-02-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	31.0	31.0	32.0	33.0
Tmin(°C)	21.0	22.0	22.0	23.0	23.0
RH-I(%)	80	90	90	80	80
RH-II(%)	40	40	40	30	30
Wind Speed(kmph)	6.0	8.0	4.0	10.0	8.0
Wind Direction(Degree)	20	90	360	20	50
Cloud Cover(Octa)	0	0	0	0	0

Weather Summary/Alert:

Dry weather expecting forthcoming days. Clear sky appears in next five days. Morning time humidity 80-90%, in daytime 30-40% will expected. Maximum temperature will be 30.0-33.0 °C and Minimum temperature will be 21.0-23.0 °C. High wind speed of 4-10 kmph was expected.

General Advisory:

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 24.02.2023 to 02.03.2023 over Tamil Nadu.

SMS Advisory:

Dry weather prevailing for next five days, farmers are requested to plan the irrigation based on the soil moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.
GROUNDNUT	Due to prevailing weather condition there are chances of groundnut tikka leaf spot and rust infection. To control spray chlorothalonil 2.0 g/l or mancozeb 2.5 g/l.
BLACK GRAM	Due to prevailing weather condition changes of blackgram powdery mildew infection. Symptoms are white powdery patches appear on leaves and other green parts which later become dull coloured. These patches gradually increase in size and become circular covering the lower surface also. When the infection is severe, both the surfaces of the leaves are completely covered by whitish powdery growth. Severely affected parts get shriveled and distorted. In severe infections, foliage becomes yellow causing premature defoliation. To control spray carbendazim @ 200 g/ac or wettable sulphur 600 g/ac at initiation of the disease and 10 days later.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng 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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	<ul style="list-style-type: none"> • Due to prevailing weather condition there are chances of thrips infestation in chilli, to control treat the seed with imidacloprid 70 WS 12 g/kg of seed or thiamethoxam 30 FS12 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.
CASHEW	To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (<i>Encarsia</i> 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.