



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



## Agromet Advisory Bulletin

Date : 20-02-2024

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2024-02-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-02-21	2024-02-22	2024-02-23	2024-02-24	2024-02-25
Rainfall(mm)	0.0	0.0	0.0	1.0	1.0
Tmax(°C)	32.0	32.0	33.0	33.0	34.0
Tmin(°C)	21.0	22.0	22.0	23.0	23.0
RH-I(%)	90	90	80	80	90
RH-II(%)	30	40	40	40	50
Wind Speed(kmph)	10	12	14	14	12
Wind Direction(Degree)	140	160	180	160	110
Cloud Cover(Octa)	0	0	4	5	5

### Weather Summary/Alert:

Dry weather will be expected forthcoming days. Morning time humidity 80-90%, in daytime 30-50% will expected. Maximum temperature will be 32.0-34.0 °C and Minimum temperature will be 21.0-23.0 °C. High wind speed of 10-14 kmph expected.

### General Advisory:

From extended range forecast Above Normal rainfall and minimum temperature, normal maximum temperature expected for the period of 25.02.2024 to 02.03.2024 over Tamil Nadu.

### SMS Advisory:

Dry weather will be expected in the forthcoming days, so farmers advised to irrigate crops based on the soil moisture.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.
RICE	Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac.
RICE	Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

Crop (Stage)	Crop Specific Advisory
SUGARCANE	<p>Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices. 1. Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min &amp; imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, 2. Monitor ant movement in the border rows at regular intervals, 3. Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. 4. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control 5. Ratoon cropping should be discouraged after two ratooning in the endemic areas</p>