



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



## Agromet Advisory Bulletin

Date : 30-01-2024

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2024-01-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-31	2024-02-01	2024-02-02	2024-02-03	2024-02-04
Rainfall(mm)	0.0	0.0	1.0	1.0	0.0
Tmax(°C)	31.0	31.0	32.0	32.0	32.0
Tmin(°C)	22.0	22.0	22.0	23.0	23.0
RH-I(%)	90	90	90	90	90
RH-II(%)	50	50	60	50	50
Wind Speed(kmph)	12	8	10	8	10
Wind Direction(Degree)	70	110	110	90	70
Cloud Cover(Octa)	7	6	7	4	5

### Weather Summary/Alert:

Dry weather will be expected forthcoming days. Partly cloudy sky appears in next five days. Morning time humidity 90%, in daytime 50-60% will be expected. Maximum temperature will be 31.0-32.0°C and Minimum temperature will be 22.0-23.0°C. High wind speed of 8-12 kmph expected.

### General Advisory:

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 04.02.2024 to 10.02.2024 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 condition brown plant leafhopper infestation is found in paddy crops. 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 pymetrozine 50% WG @ 120 g/ac with sticking agent.
RICE	Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage.
GROUNDNUT	Due to prevailing weather condition there are chances of groundnut leaf miner infestation. To control spray methyl demeton 25 EC 400 ml/ac or dimethiate 30 EC 200 ml/ac.

Crop (Stage)	Crop Specific Advisory
GROUNDNUT	Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.
SUGARCANE	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 & 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

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids ( <i>Encarsia</i> sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.