



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



Agromet Advisory Bulletin

Date : 21-07-2023

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2023-07-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-22	2023-07-23	2023-07-24	2023-07-25	2023-07-26
Rainfall(mm)	0.0	0.0	2.0	6.0	3.0
Tmax(°C)	36.0	36.0	35.0	34.0	35.0
Tmin(°C)	27.0	27.0	26.0	26.0	26.0
RH-I(%)	70	70	70	70	70
RH-II(%)	60	60	60	60	60
Wind Speed(kmph)	10	10	8	8	10
Wind Direction(Degree)	230	230	230	230	250
Cloud Cover(Octa)	4	5	5	6	4

Weather Summary/Alert:

Chances light rainfall on 24.07.2023 to 26.07.2023. Partly cloudy sky appears in next five days. Morning time humidity 70%, in daytime 60% will expected. Maximum temperature will be 34.0-36.0 °C and Minimum temperature will be 26.0-27.0 °C. High wind speed of 8-10 kmph expected.

General Advisory:

From extended range forecast normal rainfall, minimum temperature and maximum temperature expected for the period of 26.07.2023 to 01.08.2023 over Tamil Nadu.

SMS Advisory:

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Crown mealy bug and pokkah boeng 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

Crop(Varieties)	Crop Specific Advisory
	directed towards central whorl for better control 5. Ratoon cropping should be discouraged after two ratooning in the endemic areas
RICE	Due to prevailing weather condition chances of mite infestation in paddy field. Mite infestation appears yellow and white spot and strip on the upper surface of the leaf due to sucking sap in lower surface of the leaf. To control spray propargite 300 ml/ ac with 50 ml of sticking agent.
MAIZE	1. Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) 2. Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed 3. Border cropping with gingelly or cowpea or sorghum 4. Installation of pheromone traps @ 12 nos./ha 5. Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) 6. Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE.