



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

Date : 04-08-2023

Weather Forecast of District CUDDALORE(Tamil Nadu) Issued On : 2023-08-04(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-05	2023-08-06	2023-08-07	2023-08-08	2023-08-09
Rainfall(mm)	2.0	0.0	3.0	2.0	0.0
Tmax(°C)	39.0	39.0	38.0	38.0	37.0
Tmin(°C)	27.0	27.0	26.0	26.0	26.0
RH-I(%)	60	60	60	60	60
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	8	10	10	6	8
Wind Direction(Degree)	270	230	230	250	230
Cloud Cover(Octa)	5	4	7	8	8

Weather Summary/Alert:

Chances light rainfall on 05.08.2023, 07.08.2023 and 08.08.2023. Partly cloudy sky appears in next five days. Morning time humidity 60%, in daytime 30% will expected. Maximum temperature will be 37.0-39.0 °C and Minimum temperature will be 26.0-27.0 °C. High wind speed of 6-10 kmph expected.

General Advisory:

From extended range forecast above normal rainfall, Normal Minimum temperature and maximum temperature expected for the period of 09.08.2023 to 15.08.2023 over Tamil Nadu.

SMS Advisory:

Since light rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Early samba growing farmers advised to prepare land. Use varieties of ADT 50, ADT 51, ADT 52, CR1009, CR 1009 sub1 and Swarna sub1.
RICE	1. Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. 2. 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.

Crop(Varieties)	Crop Specific Advisory
	To control spray carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.
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.
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.
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 emamectin 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.