



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



Agromet Advisory Bulletin

Date : 07-02-2023

Weather Forecast of District TIRUCHIRAPPALLI(Tamil Nadu) Issued On : 2023-02-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-08	2023-02-09	2023-02-10	2023-02-11	2023-02-12
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	31.0	31.0	32.0	32.0
Tmin(°C)	21.0	21.0	22.0	22.0	22.0
RH-I(%)	90	90	90	80	80
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	4.0	8.0	10.0	6.0	8.0
Wind Direction(Degree)	20	50	70	50	50
Cloud Cover(Octa)	4	3	2	2	2

Weather Summary/Alert:

No rainfall is expected in this week. Average relative humidity (morning & evening), maximum temperature and minimum temperature may be expected around (86.0% & 30.0%), 31.0°C and 22.0°C respectively. Expected average and maximum wind speed respectively is 7.2 kmph and 10.0 kmph. The wind will be blow from North & North-East direction.

General Advisory:

Tamilnadu's average rainfall is likely to be below normal during this week (05.02.2023 to 11.02.2023) From 0.79 mm to 0.27 mm.

SMS Advisory:

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Treat the seeds in Carbendazim or Pyroquilon at 2 g/l or Tricyclozole solution at 2 ml/l of water for 1 kg of seeds. Soak the seeds in water for 10 h and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seedling disease such as blast and this method is better than dry seed treatment. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24 h for sprouting.

Crop(Varieties)	Crop Specific Advisory
RICE	To Control Stem Borer, At ATL release egg parasitoid, Trichogramma japonicum @ 2cc /ac 3 times at weekly interval. Spray Neem seed kernel extract 5%. Clip the seedling tips before transplanting to eliminate egg masses and collect and destroy the egg masses in main field.
RICE	To control Leaf Folder, Release Trichogramma chilonis @2 cc (40,000/ac) thrice at 37, 44 and 51 days. Avoid excessive nitrogenous fertilizers. Spray the insecticide Phosalone 35 EC 600 ml/ac.
RICE	Usage of combined harvester: For combined operations of harvesting, threshing and winnowing of paddy crop in Wet and Soft soils. High Ground Clearance. Faster Unloading System. High Grain Cleanliness. Small Turning Radius. Good manoeuvrability in the Wet and Soft Fields. It saves 80-90% labour requirement and 33% cost of operation as compared to traditional method.
BLACK GRAM	Treat the blackgram seeds with Carbendazim or Thiram @ 2 g/kg of seed 24 hours before sowing (or) with talc formulation of Trichoderma viride @ 4g/kg of seed (or) Pseudomonas fluorescens @ 10 g/kg seed. Bio control agents are compatible with biofertilizers. First treat the seeds with Biocontrol agents and then with Rhizobium. Fungicides and biocontrol agents are incompatible. Seed treatment will protect the seedlings from seed borne pathogens, root-rot and seedlings diseases.
BLACK GRAM	Spray pulse wonder 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent & Increases drought tolerance.
GROUNDNUT	Treat the groundnut seeds with Trichoderma viride @ 4 g/kg seed or Pseudomonas fluorescens @ 10 g/kg seed.
GROUNDNUT	Spray Groundnut Rich 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent & Increases drought tolerance.
SUGARCANE	Spray sugarcane booster 1,1.5, and 2 kg / acre at 45, 60 and 75 days after planting respectively in 200 litres of water with adequate quantity of wetting agent. Benefits: Enhances cane growth and weight, Improves inter nodal length, Improves cane yield up to 20 per cent, Improves sugar content and Increases drought tolerance.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Prevailing weather is favorable for shoot and fruit borer incidence in bhendi. To control remove the affected terminal shoot showing boreholes. Install pheromone trap@ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
OKRA/ LADYFINGER	Prevailing weather is favorable for shoot and fruit borer incidence in bhendi. To control remove the affected terminal shoot showing boreholes. Install pheromone trap@ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
BRINJAL	To increase the yield in Brinjal, farmers are advised to spray growth regulators in Brinjal fields. Spray 1ml Triacontanol plus Sodium Borate or Borax @ 35 mg/litre of water, 15 days after transplanting and at the time of full bloom to increase the yield.
CHILLI	Chilli -Thrips incidence spraying of Emamectin benzoate 5%SG @4g/10 lit. (or) Spinosad 45 %SC @ 3.2ml/10lit.
TOMATO	Tomato - Early blight incidence Spray of hexaconazole 5% SC @ 1ml/l or propiconazole 25% EC @ 1 ml/l at 30 and 50 days after planting.
ONION	leaf blight in onion crop - Hundreds of white specks are seen on the foliage. The disease then spreads very rapidly and tops of the entire crop may be killed. Management measures Carbendazim @ 4 gram / kg of bulb treatment. Or Mancozeb or Chlorothalonil or Redomylcold 1 gram / litre of water 5 – 7 days interval during incidence.
ONION	Observed twister disease incidence in small onion planted during November and December months. So the farmers are advised to apply 200 kg well decomposed

Horticulture(Varieties)	Horticulture Specific Advisory
	farmyard manure, 10 kg neem cake along with each 1 kg of Arka microbial consortium and Trichoderma viridi or Trichoderma harsianum at 10 days interval for 3 times to control the disease spread. In addition to that farmers are requested to remove the affected plants frequently and burn it.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.