



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



Agromet Advisory Bulletin

Date : 02-12-2022

Weather Forecast of District THIRUVALLUR(Tamil Nadu) Issued On : 2022-12-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-03	2022-12-04	2022-12-05	2022-12-06	2022-12-07
Rainfall(mm)	3.0	4.0	0.0	0.0	4.0
Tmax(°C)	31.0	30.0	31.0	31.0	30.0
Tmin(°C)	25.0	24.0	25.0	25.0	25.0
RH-I(%)	90	90	90	90	80
RH-II(%)	60	70	70	60	60
Wind Speed(kmph)	6.0	10.0	12.0	12.0	18.0
Wind Direction(Degree)	70	20	70	20	20
Cloud Cover(Octa)	8	7	4	4	8

Weather Summary/Alert:

Light rainfall there may be expected from 03rd, 04th & 07th December; Wind speeds may be range from 6.0-18.0 km/ hour; Wind direction may be in the North North East to East North East direction; The maximum temperature may be range from 30.0°C-31.0°C and minimum temperatures may be range from 24.0°C-25.0°C; Morning Relative humidity may be range from 80-90% and Evening Relative humidity may be range from 60-70%.

General Advisory:

From extended range forecast Normal rainfall, normal maximum temperature and minimum temperature expected for the period of 07.12.2022 to 12.12.2022 over Tamil Nadu.

SMS Advisory:

Light rainfall there may be expected from 03rd, 04th & 07th December; so check rainfall and after carry out insecticide/herbicide spray operation and fertilizer application.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water. 2.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 4.Blast - Spray Propiconazole 75 WP @ 200ml per acre in 200 litres of water (or) spray Tricyclozole @ 2g/lit of water; 5.Brown plant hopper- Spray Azadirachtin 0.03% 400 ml (or) Spray Chlorantraniliprole 18.5% SC 60 g per acre in 200 litres of water; Drain water before use of insecticides and Direct spray towards the base of the plants, Set up light traps during night or yellow pan traps during day time, Avoid excessive use of nitrogen; 4.Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre; 5.False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages.
GROUNDNUT	Groundnut- Seed Treatment- 1. I).Treat the seeds with talc formulation of Trichoderma viride @ 10 g/kg seed (or) Pseudomonas fluorescens @ 10 g/kg seed; II). Treat one hectare of seeds with 125 ml of Rhizobium (TNAU 14) and 125 ml of Phospho bacteria, shade dry it for 30 minutes before sowing; Fungicides and biocontrol agents are incompatible.
SUGARCANE	1.Red rot- Adopt sett treatment with Carbendazim before planting (Carbendazim 50 WP (0.5 gm in 1 litre of water) or Carbendazim 25 DS (1gm in 1 litre of water) along with 2.5 kg of Urea in 250 litre of water Use fungitoxic chemicals like Bavistan, Benomyl, Topsin and Aretan at 0.1 per cent for 18 min. at 52°C for dipping setts which gave almost complete elimination of rot infection; 2. White grub- Apply Beauveria brongniortii @ 1 kg/ha entopathogenic fungal formulation along with FYM at the time of planting in endemic regions.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Fruit Rot and Die Back- Spray copper oxychloride @ 2.5 g/l thrice at 15 days interval starting from noticing the die-back symptoms.
BRINJAL	1.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector; 2. Lace wing bug- Spray Dimethoate 30 EC 1.0ml/l. Methyl demeton 25 EC 1.0ml/l.
GUAVA	Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water; Release Cryptolaemus montrouzieri beetles @ 10/tree.
COCONUT	1. Rugose Spiralling Whitefly- 1.Release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac); 2. Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac; 3.Release of Chrysoperla zastrowi sillemi eggs @ 500/ac in young palm; 2. Rhinoceros beetle- I).Field release of Baculovirus inoculated adult rhinoceros beetle @ 15/ha reduces the leaf and crown damage caused by this beetle. II).Apply mixture of either neem seed powder + sand (1:2) @150 g per palm or neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown Place III).phorate 10 G 5 g in perforated sachets in two inner most leaf axils for 2 times at 6 months intervals. 4.Set up rhinolure pheromone trap @ 1/ 2 ha to trap and kill the beetles.