



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin  
Tamil Nadu Agricultural University,  
Coimbatore, Tamil Nadu



### Agromet Advisory Bulletin

Date : 30-12-2022

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

Parameter	2022-12-31	2023-01-01	2023-01-02	2023-01-03	2023-01-04
Rainfall(mm)	0.0	0.0	0.0	1.0	1.0
Tmax(°C)	33.0	33.0	34.0	34.0	34.0
Tmin(°C)	24.0	25.0	25.0	25.0	25.0
RH-I(%)	90	90	90	90	90
RH-II(%)	50	50	50	50	60
Wind Speed(kmph)	4.0	8.0	8.0	6.0	10.0
Wind Direction(Degree)	50	70	90	70	50
Cloud cover(octa)	0	0	0	4	4

#### Weather Summary/Alert:

very Light rainfall may be expected on 3rd & 4th January ; Wind speeds may be range from 4.0-10.0 km/ hour; Wind direction may be in the North East to East direction; The maximum temperature may be range from 33.0°C-34.0°C and minimum temperatures may be range range from 24.0°C-25.0°C; Morning Relative humidity may be range expected around 90% and Evening Relative humidity may be expected range from 50-60%

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Crop(Varieties)	Crop Specific Advisory
	Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
RICE	Panicle Initiation to Flowering Stages -1. False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages. 2.Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre; 3.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 4. Rice Grain Discoloration- Spray tebuconazole 50% + trifloxystrobin 25% WG @ 80 gm per acre in 200 litres of water at 50% flowering stage.
GROUNDNUT	Seed Treatments- Treat the seed with Trichoderma viride @ 4 g/kg seed or Pseudomonas fluorescens @ 10 g/kg seed. If the seed treatment is not carried out apply 10packets of Rhizobium (2000g/ha) + 10 packets of Azospirillum (2000 g/ha) and 10 packets(2000 g) of Phosphobacteria with 25 kg of FYM and 25 kg of soil before sowing.
RICE	Tillering Stage to Stem Elongation-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.
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### Horticulture Specific Advisory:

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CHILLI	1.Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (or) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2. Leaf Spot- Spray copper oxychloride @ 2.5 g/l litre of water.
BRINJAL	1.Shoot and fruit borer- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/litre of water of chemical starting from one month after planting at 15 days interval. (or) Spray Emamectin benzoate 5 % SG 4 g/10 llitre of water; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.
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- setup Rhino lure pheromone trap @ 5 traps/ ha.
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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- setup Rhino lure pheromone trap @ 5 traps/ ha.
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