



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



Agromet Advisory Bulletin

Date : 08-02-2022

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

| Parameter | 2022-02-09 | 2022-02-10 | 2022-02-11 | 2022-02-12 | 2022-02-13 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 33.0 | 33.0 | 32.0 | 32.0 | 32.0 |
| Tmin(°C) | 23.0 | 23.0 | 23.0 | 23.0 | 24.0 |
| RH-I(%) | 75 | 75 | 75 | 75 | 75 |
| RH-II(%) | 55 | 55 | 55 | 55 | 55 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 110 | 110 | 90 | 70 | 70 |
| Cloud Cover(Octa) | 2 | 1 | 1 | 1 | 1 |

Weather Summary/Alert:

There may be expected dry weather for forthcoming days; Wind speeds may be around 6.0 km/ hour; Wind direction may be in the North North East to North North West direction; The maximum temperature may be range from 32.0°C-33.0°C and minimum temperatures may be range from 23.0-24.0°C; Morning Relative humidity may be range expected around 75% and Evening Relative humidity may be expected around 55%.

General Advisory:

From extended range forecast below normal rainfall and normal maximum temperature and minimum temperature expected for the period of 13.02.2022 to 19.02.2022 over Tamil Nadu.

SMS Advisory:

Farmers are advised to irrigate the crop based on the soil moisture.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE | RICE-Nursery stage- 1.Green plant hopper- Broadcast carbofuran 3% CG 3.5 kg in 20 cents and Maintain 2.5 cm of water in the nursery; 2.Thrips- Spray Thiamethoxam 25% WG 4g/ 40Lit /20 cent; 3.whorlaggot- Spray fipronil 5% SC 400g - 600g per acre in 200 litre of water. |
| RICE | Rice- Transplanting to Tillering Stage- 1. Stem bore(Dead heart)- Spray Azadirachtin 0.03% 400 ml 200 litres of water (Or) Flubendiamide 20% WG 50g/Acre.or Chlorantraniliprole 18.5 SC 60 ml per acre in 200 litres of water.;2.Green leaf hopper (GLH) - spray Imidacloprid 17.8% SL 40-50 ml/litre @ acre (OR) Spray Thiamethoxam 25% WG 100g and set up light traps to attract to control green leaf hopper; 4. Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 5. Algal growth- Apply for Copper sulfate 1 kg/ acre in mix with irrigation water. |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BLACK GRAM | Black gram- Leaf webber- Spray Thiodicarb 75 WP 250ml per acre in 200 litres of water; (or) Spray Flubendiamide 39.35% SC 60 ml per acre in 200 litres of water. |
| GREEN GRAM | Green gram- Yellow mosaic (White fly) -Spray dimethoate 30 EC 200 ml per acre in 200 litres of water (or) thiamethoxam 75 WG @ 40 g per acre in 200 litres of water; 2.Leaf webber spray Thiodicarp75 % WP 250 g or Flubendamide 39.35% SC 40ml per acre in 200 litres of water. |
| GROUNDNUT | Groundnut- 1. Tikka leaf spot- Spray Hexaconazole (0.2%) 2 ml/lit (or) Neem seed kernel extract (5%) 15ml/lit; 2 sprays of groundnut rich @ 5.0 kg/ha (for each spray) at 35 DAS (50 per cent flowering) and 45 DAS (Pod developing stage) in 500 litres of water is recommended; 2.Leaf Miner- Spray Methyl demeton 25 EC 400 ml per acre in 200 litres of water; Set up light trap between 8 and 11 pm at ground level. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL | Brinjal- 1.Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre; 2.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: Pristomerus testaceus, Cremastus flavoorbitalis. |
| CHILLI | Chilli- Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1liter of water. |
| MANGO | Mango- Leaf Hopper- Spray Thiamethoxam 25WG 1.0 g/10 l (or) Spray Buprofezin 25SC 1.0 ml/l. and Neem oil @ 5 ml/l of water can be mixed with any insecticides for the control of hopper. Spray any of the following insecticides first at the time of inflorescence emergence and the second two weeks after first spray. |
| COCONUT | Coconut- 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. |