



## Gramin Krishi Mausam Sewa

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



### Agromet Advisory Bulletin

Date : 16-06-2023

Weather Forecast of THIRUVALLUR(Tamil Nadu) Issued On : 2023-06-16(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2023-06-17 | 2023-06-18 | 2023-06-19 | 2023-06-20 | 2023-06-21 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 6.0        | 16.0       | 22.0       | 16.0       |
| Tmax(°C)               | 40.0       | 40.0       | 39.0       | 38.0       | 38.0       |
| Tmin(°C)               | 31.0       | 30.0       | 30.0       | 29.0       | 29.0       |
| RH-I(%)                | 60         | 70         | 80         | 90         | 80         |
| RH-II(%)               | 30         | 30         | 40         | 50         | 50         |
| Wind Speed(kmph)       | 10         | 12         | 12         | 10         | 10         |
| Wind Direction(Degree) | 290        | 270        | 200        | 200        | 250        |
| Cloud cover(octa)      | 2          | 7          | 8          | 8          | 6          |

#### Weather Summary/Alert:

Light to moderate rainfall may be expected on 18th, 19th, 20th, 21st June; The maximum temperature may be range from 38.0°C-40.0°C and minimum temperatures may be range from 29.0°C-31.0°C; Relative humidity may be range from 30-90%; Wind speeds may be range from 10.0-12.0 km/ hour; Wind direction may be in the South South West to West North West direction.

#### General Advisory:

From extended range forecast Above normal rainfall and Normal maximum temperature and minimum temperature expected for the period of 21.06.2023 to 27.06.2023 over Tamil Nadu.

#### SMS Advisory:

Avoid pesticide and fertilizer application during on 18th, 19th, 20th, 21st June.

#### Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory   |
|-----------------|--|
| RICE            | Nursery to Tillering Stage- Due to light to moderate rainfall weather conditions may cause following pest and disease occurrence in paddy field and to manage 1. Thrips-spray thiamethoxam 25% WG 40 g/acre; 2 .Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g 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; 30 and 45 days after planting ; 4. In areas with limited water resources, it is crucial to conserve and manage water effectively. Implement water-saving techniques such as alternate wetting and drying (AWD) or system of rice intensification (SRI) to optimize water use efficiency in rice cultivation. (Avoid pesticide and fertilizer application during on 18th, 19th, 20th, 21st June) |
| SUGARCANE       | Due to light to moderate rainfall weather conditions may cause following pest and disease occurrence in sugarcane field and to manage Grassy shoot disease- Spray dimethoate @ 1ml in 1 litre of water to control insect vectors and Initial symptom appears in the young crop of 3 – 4 months age as thin papery white young leaves at the  |

| Crop(Varieties) | Crop Specific Advisory  |
|-----------------|---|
|                 | top of the cane. (Avoid pesticide and fertilizer application during on 18th, 19th, 20th, 21st June)   |
| BLACK GRAM      | Due to high temperature there may be the cause of yellow mosaic virus which is transmitted by white flies, to control Installation of yellow sticky traps 5 to 6/acre and Foliar spray of neem formulation @ 3 ml/l. (Avoid pesticide and fertilizer application during on 18th, 19th, 20th, 21st June) |

#### Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory   |
|-----------------------|--|
| COW                   | Due to the possibility of lightning and thunder during light to moderate rainfall, please ensure the safety of the animals by securing them inside the cattle shed; 2. To reduce heat stress in animals due to increasing temperatures, it is advised to cover the roof of the animal shed with coconut leaves or paddy straws or spray cold water. This measure helps in providing shade and cooling effects, thus mitigating the impact of high temperatures on the animals. |

#### Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory   |
|--------------------|---|
| CHICKEN            | To overcome heat stress, farmers are advised to decrease the bird density in a unit area of the poultry shed. This measure helps to reduce the heat load on the birds, allowing for better heat dissipation and minimizing the negative effects of high temperatures. |

#### Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory   |
|--|--|
| RAIN WATER HARVESTING                        | 1. Harvest the run off rain water in farm ponds or any suitable structures to improve the ground water table; 2. It is recommended to undertake measures to strengthen the basins in order to improve rainwater harvesting efficiency in guava and mango crop. |