



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



## Agromet Advisory Bulletin

Date : 19-12-2023

Weather Forecast of District RAMANATHAPURAM(Tamil Nadu) Issued On : 2023-12-19(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2023-12-20 | 2023-12-21 | 2023-12-22 | 2023-12-23 | 2023-12-24 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 25.0       | 3.0        | 3.0        | 3.0        | 2.0        |
| Tmax(°C)               | 26.0       | 25.0       | 24.0       | 24.0       | 23.0       |
| Tmin(°C)               | 23.0       | 22.0       | 21.0       | 21.0       | 21.0       |
| RH-I(%)                | 90         | 90         | 90         | 90         | 80         |
| RH-II(%)               | 70         | 70         | 70         | 60         | 60         |
| Wind Speed(kmph)       | 24         | 22         | 20         | 20         | 22         |
| Wind Direction(Degree) | 20         | 50         | 50         | 50         | 50         |
| Cloud Cover(Octa)      | 7          | 8          | 8          | 7          | 7          |

### Weather Summary/Alert:

Light to moderate rain expected for next five days. Maximum temperature would be around 23-26°C and the minimum temperature would be around 21-23°C. Relative humidity would be around 60-90 percent. Cloudy sky will appear for the next five days. Wind speed of 20-24 Kmph expected from North directions.

### General Advisory:

From extended range forecast, above normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of December 24 to December 30 over Tamil Nadu.

### SMS Advisory:

Farmers should drain excess rain water from fields where the paddy crops are lodged due to the continuous rains.

### Crop Specific Advisory:

| Crop Stage | Crop Specific Advisory   |
|------------|--|
| RICE       | Farmers are advised to provide adequate drainage facilities in the fields to drain the water. Once the water is drained, spary 1 percent urea, 2 percent DAP and 1 |

| Crop Stage | Crop Specific Advisory  |
|------------|---|
|            | percent KCl as a foliar application.  |
| RICE       | Due to the prevailing weather condition, incidence of blast is expected in rice. Initial symptoms are white to gray green lesions or spots with necrotic borders. Several spots coalesce to form big irregular patches. If blast symptoms are observed in field spray tricyclozole 75 WP 200g/ac with 200 litre of water to manage the blast. |
| RICE       | In rice, spray Nanourea@ 4ml to 5ml with one litre of water.  |
| RICE       | Faemers are advised to apply 20 kg of ammonium sulfate per acre in paddy fields during the flowering stage.   |
| COTTON     | In rainfed cotton cultivation, it is recommended for farmers to apply Urea @ 25 kg, 75 kg/ac of single super phosphate and Potash @ 10 kg per acre, as the first dose, between 20 to 25 days after germination.   |

#### Horticulture Specific Advisory:

| Horticulture Stage | Horticulture Specific Advisory  |
|--------------------|---|
| CHILLI             | Due to the prevailing weather condition, incidence of damping off is expected in chilli. It affects the young seedlings and their stems and lodging of seedlings due to weakened stems. Disease affected seedlings are seen light brownish colour. If symptoms are observed, Soil drenching with Copper oxychloride 2.5g /1 litre of water to manage the disease. |
| CHILLI             | After the water drains well in the field, transplant the chilli seedlings into the main field. Before planting, soak the roots of the seedlings in a biofertilizer solution for 15 minutes to prevent rot and wilt diseases and to obtain the necessary nutrients for growth.   |

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

| Others (Soil / Land Preparation) | Others (Soil / Land Preparation) Specific Advisory   |
|----------------------------------|--|
| GENERAL ADVICE                   | Farmers should ensure that, atleast 2 hours of interval is necessary between spraying operation and downpour for safe and effective use of inputs. |