



# Tamil Nadu Agricultural University

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## India Meteorological Department

Agromet Advisory Bulletin for the Coimbatore District

Bulletin No.096/2022 Issued on 02.12.2022

(From 03<sup>rd</sup> December 2022 to 07<sup>th</sup> December 2022)

Issued jointly by Agro Climate Research Centre, TNAU and IMD



### Past Weather for Tamil Nadu District

Weather Summary for the period since the issue of last bulletin 094 (25.11.2022) for Tamil Nadu. Maximum temperature ranged from 29°C to 31°C and minimum temperature ranged from 21°C to 25°C, over the State. Kodaikanal and Uthagamandalam recorded maximum temperature ranged from 16°C to 20°C and minimum temperature ranged from 9°C to 11°C. During this period isolated rainfall was recorded in Tamil Nadu.

### Coimbatore District Past Weather

In Coimbatore district, during 29.11.22 to 01.12.22 the Maximum temperature was recorded as 28°C to 31°C and the minimum temperature was 19°C to 23°C. The Morning relative humidity recorded was 90 per cent and evening relative humidity was 54 per cent. The average wind speed recorded was 7-8 km per hour and the wind direction were from South West direction.

### Weather Summary for Coimbatore district

| Past week Summary<br>29.11.2022 to 01.12.2022) |                |                | Date               | Ensemble weather forecast valid until<br>08.30 hrs of 07.12.2022 |                |                |                |                |
|------------------------------------------------|----------------|----------------|--------------------|------------------------------------------------------------------|----------------|----------------|----------------|----------------|
| Day-1<br>29/11                                 | Day-2<br>30/11 | Day-3<br>01/12 |                    | Day-1<br>03/12                                                   | Day-2<br>04/12 | Day-3<br>05/12 | Day-4<br>06/12 | Day-5<br>07/12 |
| 8.9                                            | 1.4            | 0.0            | Rainfall           | 2                                                                | 3              | 6              | 0              | 0              |
| 31                                             | 28             | 29             | Max. Temp. (°C)    | 31                                                               | 31             | 30             | 31             | 31             |
| 23                                             | 21             | 19             | Mini. Temp. (°C)   | 23                                                               | 22             | 21             | 21             | 22             |
| 7                                              | 7              | 4              | Cloud cover (Octa) | 5                                                                | 8              | 6              | 6              | 4              |
| 90                                             | 86             | 75             | RH morning (%)     | 90                                                               | 90             | 90             | 90             | 90             |
| 75                                             | 54             | 64             | RH evening (%)     | 60                                                               | 60             | 70             | 60             | 60             |
| 7                                              | 7              | 8              | Wind (kmph)        | 6                                                                | 6              | 8              | 8              | 8              |
| 70                                             | 70             | 360            | Wind Direction     | 90                                                               | 70             | 90             | 20             | 360            |

### Weather forecast for next five days:(03.12.2022 to 07.12.2022)

According to district forecast issued by the India Meteorological Department for Coimbatore district, sky will be mostly cloudy. Drizzling to light rainfall is expected on next three days. Maximum temperature is expected to be around 30°C to 31°C. Minimum temperature is expected to be around 21°C to 23°C. Morning relative humidity is expected to be around 90 per cent and evening relative humidity is expected to be around 60 per cent. Average wind speed is expected to be around 6-8 km per hour and the wind direction will be from South East direction.

**Coimbatore District Block Wise Rainfall (mm) for next five days**

| Date       | Anamalai | Annur | Karamadai | Kinathukadavu | Madukkarai | PN Palayam | Pollachi North | Pollachi South | Sarcarsamakulam | Sultanpet | Sulur | Thondamuthur |
|------------|----------|-------|-----------|---------------|------------|------------|----------------|----------------|-----------------|-----------|-------|--------------|
| 03-12-2022 | 6.0      | 1.0   | 1.0       | 2.0           | 1.0        | 0.0        | 5.0            | 5.0            | 0.0             | 2.0       | 1.0   | 2.0          |
| 04-12-2022 | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |
| 05-12-2022 | 9.0      | 4.0   | 5.0       | 6.0           | 5.0        | 4.0        | 8.0            | 8.0            | 4.0             | 5.0       | 4.0   | 5.0          |
| 06-12-2022 | 1.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |
| 07-12-2022 | 0.0      | 0.0   | 0.0       | 0.0           | 0.0        | 0.0        | 0.0            | 0.0            | 0.0             | 0.0       | 0.0   | 0.0          |

**Agro Advisory**

| Crop    | Stage      | Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General |            | <p>Drizzling rainfall is alone expected with wind speed of 4-8 km/hr in western zone during next five days.</p> <p>Plan to complete the sprays by utilizing the non rainy days.</p> <p>Cool weather may restrict the root activity, hence avoid top dressing of fertilizers to rainfed and irrigated crops.</p> <p>Irrigation may be provided based on soil moisture.</p>                                                                                                                                                                                                                                                                                                                                                                                 |
| Rice    | Vegetative | <p>Weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water.</p> <p>Since continuous cloudiness with high relative humidity may be favourable for the multiplication of brown plant hopper in rice. Hence provide sufficient drainage and ventilation for more aeration. Spray Phasalone 1500 ml /ha or chloropyriphos 1250ml/ha or Imidacloprid 100to 125ml/ha or Dichlorvos 400ml/ha.</p> <p>Since the temperature is low against Zinc deficiency in rice may be seen and to rectify the above deficiency sprays 0.5% Zinc Sulphate plus Urea 1% at 15 days interval twice.</p> |

|            |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bengalgram | Germination            | Considering drizzling rainfall, gap filling may be done immediately in recently sown bengal gram followed by irrigation.                                                                                                                                                                                                                                                                                                                                           |
| Gourds     | Flowering and fruiting | Weather is favourable for leaf eating caterpillar and fruit fly attack in Gourds. To control the above spray Malathion 1ml/litre of water.                                                                                                                                                                                                                                                                                                                         |
| Banana     |                        | Garden land banana may be planted by utilizing the rainfall.                                                                                                                                                                                                                                                                                                                                                                                                       |
| Turmeric   | Vegetative             | In irrigated turmeric, considering the high relative humidity, low minimum temperature and high wind speed, leaf spot disease may occur. Spray carbendazim (1g/1lit of water) or 2g of Mancozeb per liter of water to control the above.                                                                                                                                                                                                                           |
| Coconut    |                        | By utilizing the weather, green manure seeds may be sown around the coconut trees and incorporated after 45days will provide nutrient to coconut and control monsoon seasonal weeds.<br>This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.                                                                                                                               |
| Mango      | Vegetative             | Due to continuous wet weather, more vegetative growth is observed in mango and to induce flowering spray paclobutrazole 10g ai or 1% KNO <sub>3</sub> .                                                                                                                                                                                                                                                                                                            |
| Grapes     |                        | Prevailing low temperature is favourable for powdery mildew incidence in grapes therefore farmers are requested to monitor the crop carefully spray 0.3 % wettable sulphur or dust sulphur 6 to 12 kg/ ha in the morning hrs.<br>Present weather is favourable for downy mildew incidence in grapes. Monitor and spray 1% Bordeaux mixture or any other copper fungicide at 0.25%.                                                                                 |
| Jasmine    | Vegetative             | Anticipating the rainfall, prune the flower shrub Malliagai upto 50 cm height from the ground level.                                                                                                                                                                                                                                                                                                                                                               |
| Animal     |                        | Both maximum and minimum temperature are low and hence cold weather is anticipated. Protect animal from cold weather by hanging gunny bag around the animal and poultry shed.<br>Considering the monsoon season and consumption of newly germinated grasses, deworming may be given to sheep, goat, cattle and milch animals.<br>Present weather is conducive for Anthrax disease in animals, hence vaccination may be done at near by animal husbandry hospitals. |

### SMS advisory

- Cool weather with high morning and afternoon Relative humidity is favourable for blast incidence in rice. Monitor the crop carefully and spray initially with tricyclozone @ 1g / litre of water.

**Professor and Head  
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