



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



Agromet Advisory Bulletin

Date : 22-08-2023

Weather Forecast of District PUDUKKOTTAI(Tamil Nadu) Issued On : 2023-08-22(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-08-23 | 2023-08-24 | 2023-08-25 | 2023-08-26 | 2023-08-27 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 3.0 | 4.0 | 0.0 | 2.0 | 2.0 |
| Tmax(°C) | 39.0 | 38.0 | 38.0 | 38.0 | 37.0 |
| Tmin(°C) | 27.0 | 26.0 | 26.0 | 25.0 | 25.0 |
| RH-I(%) | 70 | 60 | 60 | 70 | 70 |
| RH-II(%) | 30 | 30 | 30 | 30 | 40 |
| Wind Speed(kmph) | 12 | 12 | 14 | 16 | 14 |
| Wind Direction(Degree) | 200 | 180 | 180 | 180 | 180 |
| Cloud Cover(Octa) | 7 | 6 | 4 | 7 | 6 |

Weather Summary/Alert:

Chances of light rain on 23 and 24 August. Maximum temperature would be in the range 37.0°C and 39.0°C and the minimum temperature would be in between 25.0°C - 27.0°C. Cloudy sky is expected for next 5 days. Wind speed is expected to be 12 to 14 kmph.

General Advisory:

Extended Range Forecast For Tamil Nadu 27 .08.2023 to 02.09.2023 (:During the Week from 27 th to 02 th September Normal Rainfall . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu.

SMS Advisory:

This is a season for vegetable sowing, hence the farmers are advised to treat the vegetable seeds with Bacillus subtilis @ 4 g / kg of seed before sowing to avoid rot in seedlings.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | Farmers planning for maize cultivation, are advised to treat the seeds before sowing. Select good quality seeds. Adopt the seed rate @ 20kg/ha for hybrids and 25kg/ha. for varieties. Adopt a spacing of 45 cm between rows and 20 cm between plants in the row. Seeds treated with fungicides may be treated with three packets (1600 g/ha) of Azospirillum. Dibble the seeds at a depth of 4 cm. |
| RICE | Due to the prevailing weather condition the incense of Rice horned caterpillar in Paddy. The Larva feeds on leaf blades of rice. Leaves are defoliated from the margin or tip irregularly. To control this, drain the excess water from the field. To manage this pest, foliar spray of Emamectin Benzoate @ 6gms per tank or Flubendiamide @ 20ml per acre is recommended. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| COCONUT | Due to the prevailing weather condition, mulching technology can be practiced in Coconut groove to reduce the water evaporation, Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8m radius around the palms as mulch for soil moisture conservation particularly during summer season. |
| JASMINE | Micronutrient deficiency is noticed in Jasmine flower fields. Application of wellcomposted manure in the jasmine field will give effective results. Farmers are advised to apply Farm Yard Manure @ 10kg per pit before planting. |
| TOMATO | The incense of Leaf Curl virus disease is noticed in Tomatoes. The symptom appears on newly grown plants, tomato yellow leaf curl virus reduces the internodes and also gives the plant a stunted appearance. The new leaves also greatly reduce in size, wrinkled and yellowed between the veins. Have margins that curl upward, giving them a cup-like appearance. Flowers may appear but usually will drop before the fruit set. To control spray the composite of Fermented curd 250ml + 2 egg white with 10 litres of water. |
| BANANA | The incense of Mosaic virus is expected in Banana. The symptoms are found in foliage with chlorotic mottling or stripes, distorted leaves and distorted fruit with chlorotic streaks. To control spray Neem oil @ 40ml + Trichoderma viride @ 40gm + sticky agent @ 10ml with 10 liters of water. Spraying can be done during non-rainy days. |
| BRINJAL | Prevailing weather is suitable for spraying growth regulators in Brinjal. Spray 2 ppm (1 ml) Triacantanol plus Sodium Borate or Borax @ 35 mg/litre of water 15 days after transplanting and at the time of full bloom to increase the yield. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICK | If the temperature is high during the day, raising the feed trough on the poultry farm from 10 a.m. to 5 p.m. can reduce the heat. Also, mixing mineral salts and B-vitamin C in drinking water can protect against heat exhaustion. To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 liter of water and spray. |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation)(Varieties) | Others (Soil / Land Preparation) Specific Advisory |
|---|--|
| GENERAL ADVICE | Mulching is advised to overcome the ill effect of high temperature in flower gardens. Further farmers are requested to monitor the incidence of thrips attack and if required spray Neem Seed Kernel Extract @ 5%. |