



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



Agromet Advisory Bulletin

Date : 12-09-2023

Weather Forecast of District PUDUKKOTTAI(Tamil Nadu) Issued On : 2023-09-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-13	2023-09-14	2023-09-15	2023-09-16	2023-09-17
Rainfall(mm)	3.0	0.0	0.0	3.0	3.0
Tmax(°C)	35.0	34.0	34.0	34.0	33.0
Tmin(°C)	28.0	28.0	28.0	27.0	27.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	40	40	40
Wind Speed(kmph)	10	14	12	14	16
Wind Direction(Degree)	230	200	200	200	200
Cloud Cover(Octa)	7	7	6	7	8

Weather Summary/Alert:

Chances of light rain on 13,16 and 17 September. Maximum temperature would be in the range 33.0°C - 35.0°C and the minimum temperature would be in between 27.0°C- 28.0°C. Cloudy sky is expected for next 5 days. Wind speed is expected to be 10 - 16 kmph.

General Advisory:

Extended Range Forecast For Tamil Nadu 17 .09.2023 to 23 .09.2023 (:During the Week from 17 th to 23 th September Normal Rainfall . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu.

SMS Advisory:

Distribute 80 to 100 liters of water per day in 4 installments to the cattle as the maximum temperature continues to rise.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Farmers are advised to take up showing on high yielding green gram variety (VBN– 3 and / VBN – 4) and black gram variety (VBN – 8 and VBN 10) with available moisture on receipt of Seed treatment with Trichoderma viridae 4g/kg of seed (or) Pseudomonas fluorescens 10 g/kg of seed will be effective against root rot disease in black gram.
RICE	The incidence of false smut may be noticed in rice. The damage symptoms are individual rice grain transformed into a mass of yellow fruiting bodies and infected grain has greenish smut balls with a velvety appearance. If symptoms are observed in field, spray Propiconazole 25 EC @ 200 ml/ac or Copper hydroxide 77% WP 500 g/ac with 200 litre of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Farmers are requested to sow cowpea as intercrop in between the rows of banana to control the weeds and conserve the moisture while planting the banana under the rabi season.
TOMATO	The incense of Mosaic virus disease is noticed in Tomato crops. The disease is characterized by light and day green mottling on the leaves often accompanied by wilting of young leaves on sunny days when plants first become infected. The affected plant appears stunted, pale green and spindly. Soak the seeds in a solution of Trisodium Phosphate (90 g/litre of water) a day before sowing helps to reduce the disease incidence. The seeds should be thoroughly rinsed and dried in shade. Seedlings infected with the viral disease should not be used for transplanting. Crop rotation with crops other than tobacco, potato, chilli, capsicum, brinjal, etc. should be undertaken.
COCONUT	Prevailing hot weather may be favorable for spirality white fly in Coconut. Hence farmers are requested to monitor the incidence and fix yellow sticky traps in 5-6 places / acre.
Drumstick	The prevailing weather condition is favorable for fruit fly incidence in drumstick. To control the above pest, spray of Neem Seed Kernel Extract 5% is recommended.
BRINJAL	To manage the pest occurrence in vegetable crop fields, farmers are advised to install a Solar light trap @ 1 No. per acre, Pheromone trap @ 8Nos. per acre and Yellow sticky traps @ 8Nos. per acre. To prevent diseases Trichoderma Viride @1kg per 500kg of farmyard manure can be applied during the last ploughing.
BANANA	The root-lesion nematodes and root knot nematodes are noticed in Banana. The nematodes-infested banana tree shows stunting and yellowing of leaves, blackish or reddish lesions on the roots. Farmers are advised to apply FYM @10kg with neem cake 250 gm per tree and intercrop with marigold or sunhemp and in situ ploughing at the time of flowering. Apply liquid formulation of Pseudomonas fluorescence @ 2lit per ha. during 2, 4 and 6 months after planting through drip irrigation.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Milk production can be protected by spraying water on the cows during the day when the temperature is high and isolating its fat. azolla can be used as fodder.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	There are chances of diarrhoea in the poultry. To protect the other birds from Diarrhoea, keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup per litre of water. Medicated water should be given to all the birds for 5 days in the morning and evening time.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To improve the soil fertility as well as to increase the yield of crops farmers are requested to sow sunhemp , daincha or multigrains @ 20 kg acre incorporate the same with 30 – 45 days after sowing.