



Agromet Advisory Bulletin

Date : 19-05-2023

Weather Forecast of District PUDUKKOTTAI(Tamil Nadu) Issued On : 2023-05-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-20	2023-05-21	2023-05-22	2023-05-23	2023-05-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	39.0	41.0	40.0	40.0	39.0
Tmin(°C)	29.0	29.0	29.0	29.0	29.0
RH-I(%)	65	65	65	65	65
RH-II(%)	45	45	45	45	45
Wind Speed(kmph)	10	10	10	10	10
Wind Direction(Degree)	200	200	200	180	200
Cloud Cover(Octa)	2	2	4	2	2

Weather Summary/Alert:

Chances of dry weather next five days. Maximum temperature would be in the range 39.0°C and 41.0°C and the minimum temperature would be in the range 29.0°C . Partly cloudy sky will appear . Wind speed is expected to be 10 kmph.

General Advisory:

Extended Range Forecast For Tamil Nadu 24 .05.2023 to 30 .05.2023 (:During the Week from 24 th to30 th May Rainfall Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu.

SMS Advisory:

Summer irrigation should be done to increase the female flower production and setting percentage.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JASMINE	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%.
BLACK GRAM	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield and moisture stress tolerance. in summer black gram

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Considering the evening low relative humidity, high maximum and minimum temperature, and the wind speed of 10 kmph, provide adequate support to banana, sugarcane and other tall crops.
Drumstick	The prevailing weather condition is favorable for fruit fly incidence in drumstick. To control the above pest, spray of Neem Seed Keranl Extract 5% is recommended.
COCONUT	Sulphur Deficiency Symptoms Typical symptoms are yellowish-green or yellowish-orange leaflets. Old leaves remain green. Leaves droop as the stem becomes weak. In older palms, leaf number and size are reduced. Sometimes an apron of dead fronds develops around the stem due to weakness of the rachis. Nuts may fall prematurely. Copra is rubbery and of poor market quality. Management Soil application of gypsum 2 - 5 kg/tree/year. Root feeding of 0.2% (2g/litre of water) gypsum.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Artificial insemination of goats and cows should be done within 9 am or after 4 pm due to the high heat of the day.
COW	Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock.

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	Nutrient deficiency and pest problem may occur in all the crops which are above 30 – 45 days old agricultural and vegetable crops in summer season. It can be controlled by spraying of 350 ml Panchakavya mixed with 15 ml of sticking agent in 10 litres of water twice at 15 days interval.