



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

Tamil Nadu Agricultural University,

Coimbatore, Tamil Nadu



Agromet Advisory Bulletin

Date : 16-06-2023

Weather Forecast of RAMANATHAPURAM(Tamil Nadu) Issued On : 2023-06-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-06-17	2023-06-18	2023-06-19	2023-06-20	2023-06-21
Rainfall(mm)	3.0	4.0	4.0	3.0	2.0
Tmax(°C)	37.0	37.0	36.0	36.0	35.0
Tmin(°C)	28.0	27.0	27.0	26.0	26.0
RH-I(%)	60	60	70	70	60
RH-II(%)	40	40	60	50	50
Wind Speed(kmph)	8	10	10	10	14
Wind Direction(Degree)	230	180	270	272	230
Cloud cover(octa)	6	8	8	7	7

Weather Summary/Alert:

Light rainfall expected for the next five days. Maximum temperature would be around 35-37°C and the minimum temperature would be around 26-28°C. Relative humidity can be expected in the range of 40-70 percent. Mostly cloudy sky will appear for the next five days. Wind speed of 8-14 Kmph expected from South and West directions.

General Advisory:

From extended range forecast, Above normal rainfall, Normal maximum and minimum temperature expected for the period of June 21 to June 27 over Tamil Nadu.

SMS Advisory:

The dairy cattle must be provided shelter with heat amelioration measures like fogging/misting to prevent the drip in lactation due to heat stress.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition, incidence of mealy bug is expected in cotton. The damage symptoms are heavy clustering of mealy bugs usually seen under the surface of leaves as a thick mat with waxy secretion and excreted copious amounts of honey dew on which the fungus sooty mould grows. Affected plants appear sick and black, resulting in reduced fruiting capacity. If symptoms are observed in the cotton field, apply neem oil 2% or fish oil rosin soap 25g/liter of water or Profenophos 800ml/ac.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	In coconut, to control the Rhinocerosbeetle, the topmost three leaf axils around the spindle filled with Naphthalene balls three to four balls covered with fine sand, once in 45 days. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults.
COCONUT	Due to the prevailing weather condition, incidence of thanjore wilt is expected in coconut. Initial symptoms of Thanjore wilt start with yellowing and drooping of the outer whorl of leaves followed by exudation of reddish brown liquid through cracks at the base of the trunk and decaying of tissues at bleeding point. To manage the wilt, spray Hexaconazole 5 SC 2 ml with 100 ml of water applied as root feeding (3 times at 3 months interval).

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Prevailing weather may cause high thirst for water in animals. Provide adequate drinking water to the animals to prevent water thirst. Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed.
COW	Babesiosis is caused by protozoa that infect red blood cells and affect all age group animal's. The symptoms are high fever, lymph node enlargement, coffee colour urine and death of animals. It can be prevented by ectoparasitoid control.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Due to prevailing weather conditions favourable for ranikhet disease in poultry. The main symptoms are twisting of the neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. To prevent ranikhet diseases in poultry contact the local veterinarian for vaccination.