



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
M.S.Swaminathan Research Foundation (MSSRF)
 Taramani, Chennai



Agromet Advisory Bulletin

Date : 16-05-2023

Weather Forecast of District THENI(Tamil Nadu) Issued On : 2023-05-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-17	2023-05-18	2023-05-19	2023-05-20	2023-05-21
Rainfall(mm)	2.0	6.0	2.0	4.0	3.0
Tmax(°C)	40.0	41.0	40.0	40.0	40.0
Tmin(°C)	26.0	26.0	27.0	26.0	26.0
RH-I(%)	60	60	60	70	70
RH-II(%)	20	20	30	30	30
Wind Speed(kmph)	6	6	6	8	6
Wind Direction(Degree)	270	290	270	270	290
Cloud Cover(Octa)	6	4	4	4	4

Weather Summary/Alert:

Chances of light rain during 18, 20 & 21 May. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, West & Northwest directions.

General Advisory:

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th May 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023.

SMS Advisory:

Chances of light rain during 18, 20 & 21 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6-8 kmph from NW & W directions.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	In this situation, it is important to control the flower and finches shedding in the Mango crop. It is also essential to follow the yield-increasing practices in Mango. To increase fruit retention, farmers are advised to spray, NAA @ 20ppm at the flowering stage. If the trees do not flower, by that time, to induce the flowering, spray any one of the following, 0.5% Urea (5g/lit.) OR 1% Potassium Nitrate (10g/lit.).
GRAPES	Prevailing weather is suitable for pruning in Grapes field. In general, four-bud level pruning can be adopted for Muscat, Green grapes, hybrids, and two-bud level pruning for Thompson Seedless. It is better to decide the level of pruning as per the bud forecasting technique. Weak and immature canes should be pruned with one or two buds to induce vegetative growth. Pruning can be done during May & June months for monsoon crops.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.