



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



Agromet Advisory Bulletin

Date : 19-05-2023

Weather Forecast of District SIVAGANGA(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:

For the next five days, Maximum temperature would be in the range of 39°C to 41°C and the minimum temperature would be 29°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 10 Kmph from Southwest & South directions.

General Advisory:

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above 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 30°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:

For the next five days, Max temp 39°C- 41°C & Min temp - 29°C. Partly cloudy sky will appear for the next four days. Wind speed 10 kmph from SW & S directions.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	The incense of Damping-off in Tomato. Damping-off of tomatoes occurs in two stages, i.e. the pre-emergence and the post-emergence phase. To manage this use raised seedbed. Provide light but frequent irrigation for better drainage. Drench with Copper oxychloride @ 2gm/lit. Seed treatment with fungal culture Trichoderma viride (4g/kg of seed) is the only preventive measure to control the pre-emergence damping off. Spray 2gm Metalaxyl per 1 litre, when there is cloudy weather.
PAPAYA	The incense of Green peach aphids is noticed in Papaya. The symptoms are nymphs and adults suck the sap from leaves, petioles, and fruits. Due to this leaf curling and falling of premature fruit will happen. To control this, remove and destroy damaged plant parts, and release parasitoid Aphelinus mali and predator Coccinella septumpunctata in the field. And spray Acetamiprid @ 6gms per 10 litres of water.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	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 minutes. Ensure adequate round-the-clock drinking water to animals, which should be provided under shade. Feeding should be practiced during the early morning, evening & night. Prefer grazing during early morning & late evening hours to avoid the scorching heat.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorms & lightning with light to Moderate rain are likely to occur at one or two places over the district on 20thMay 2023. Wind with a speed of 30 to 40 kmph is expected for the same days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Do not allow the animals to graze outside, standing near the trees, and don't tie the animals to electric poles. Provide safe shelter.