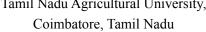


## Gramin Krishi Mausam Sewa

# **District Level Agromet Advisory Bulletin**Tamil Nadu Agricultural University,





## **Agromet Advisory Bulletin**

Date: 23-05-2023

Weather Forecast of District VIRUDHUNAGAR(Tamil Nadu) Issued On: 2023-05-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-05-24	2023-05-25	2023-05-26	2023-05-27	2023-05-28
Rainfall(mm)	0.0	0.0	4.0	3.0	3.0
Tmax(°C)	38.0	37.0	37.0	36.0	36.0
Tmin(°C)	26.0	25.0	25.0	24.0	24.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	40	30	30	30
Wind Speed(kmph)	8	8	10	10	12
Wind Direction(Degree)	230	230	230	230	230
Cloud Cover(Octa)	4	6	5	8	7

#### **Weather Summary/Alert:**

Light to Very High cloud cover. Light rainfall is predicted 26.05.2023 to 28.05.2023. Maximum temperature is expected to be 36.0°C to 38.0 °C. Minimum temperature is expected to be 24.0°C to 26.0°C. Morning relative humidity is expected to be around 70 per cent and evening relative humidity is expected to be 30-40 per cent. Next 24 hour wind speed is expected 8-10 km per hour and the wind direction will be from Southwest direction.

#### **General Advisory:**

Very Light rainfall is predicted 26.05.2023. So Apply light and frequent irrigation to the standing crops. Irrigate only during the evening or early morning. Increase the frequency of irrigation at critical growth stages. Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture. High relative humidity with moderate wind speed is conducive for disease spread. Therefore, farmers are advised to take the prophylactic measures to control the disease spread.

#### **SMS Advisory:**

26.05.2023 to 28.05.2023 Light Rainfall. Unexpected summer rainfall will be received. Farmers are requested to go ploughing so that rainwater can be stored in the soil

#### **Horticulture Specific Advisory:**

Horticulture(Varieties)	Horticulture Specific Advisory
	Rhinoceros beetle: • Central spindle appears cut or toppled • Fully opened fronds
	showing characteristic diamond shaped cuttings • Holes with chewed fibre sticking

Horticulture(Varieties)	Horticulture Specific Advisory
	out at the base of central spindle Management • Collect and destroy the various bio-
	stages of the beetle from the manure pits (breeding ground of the pest) whenever
	manure is lifted from the pits. • Incorporate the entomopathogen i.e, fungus
	(Metarrhizium anisopliae) in manure pits to check the perpetuation of the pest. •
	Soak castor cake at 1 kg in 5 l of water in small mud pots and keep them in the
	coconut gardens to attract and kill the adults. • Treat the longitudinally split tender
	coconut stem and green petiole of fronds with fresh toddy and keep them in the
	garden to attract and trap the beetles. • Examine the crowns of tree at every harvest
	and hook out and kill the adults. • For seedlings, apply 3 naphthalene balls/palm
	weighing 3.5 g each at the base of inter space in leaf sheath in the 3 inner most
	leaves of the crown once in 45 days. • Set up light traps following the first rains in
	summer and monsoon to attract and kill the adult beetles. • Apply mixture of either
	neem seed powder + sand (1:2) @150 g per palm or neem seed kernel powder +
	sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown • Set
	up rhinolure pheromone trap @ 1/2 ha to trap and kill the beetle.

## **Live Stock Specific Advisory:**

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Summer Management of Dairy cattle: 1. Grazing on peak hours should be avoided. Instead of that, the animals can be allowed for grazing during 6-10Am in the morning and 4-6 Pm in the evening. 2 Ensure clean cool drinking water all the time. Vitamins and electrolytes can be mixed with water. 3. Housing with proper ventilation should be ensured. In summer, wet gunny bags can be spreaded over the roof of the shed. Inside the shed, water sprinklers with fans may be provided. 4. Quality green fodder should be provided to prevent the production loss. If green fodders are not available in sufficient quantity, use of silage and azolla can be practiced. 5. Chopped dry fodder can be provided during evening hours. 6. Animals should be washed 2 times in a day viz. morning and evening. 7. 50g of sodium chloride and 30g of sodium bicarbonate may be mixed with water. 8. 30g of mineral mixture should be supplemented during summer.

### **Poultry Specific Advisory:**

Poultry(Varieties)	Poultry Specific Advisory			
CHICKEN	Summer Management to Poultry: 1. Overcrowding of birds should be avoided. 2. Feeding should be done in cool hours of the day in the form of wet mash 3. Supplement vitamin C and B complex along with water. 4. Water tanks should be covered with low cost roofing materials. 5. Increase the frequency of watering. 6. Sprinkling water on the roof will help to bring down the shed temperature. 7. Wet gunny curtaines can be arranged on the sides of shed will reduce the heat inside the shed.			