



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 |
|-------------------------|---|
| COCONUT | 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 |
|-------------------------|---|
| | <p>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.</p> |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | <p>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 foddors 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.</p> |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>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.</p> |