



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Tamil Nadu Agricultural University,
Coimbatore, Tamil Nadu



Agromet Advisory Bulletin

Date : 20-10-2023

Weather Forecast of District VIRUDHUNAGAR(Tamil Nadu) Issued On : 2023-10-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-10-21	2023-10-22	2023-10-23	2023-10-24	2023-10-25
Rainfall(mm)	10.0	8.0	15.0	25.0	15.0
Tmax(°C)	34.0	34.0	34.0	33.0	33.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	80	80	80	78	78
RH-II(%)	60	60	60	58	58
Wind Speed(kmph)	8	8	8	6	6
Wind Direction(Degree)	90	90	90	110	110
Cloud Cover(Octa)	6	6	6	5	5

Weather Summary/Alert:

Moderate cloud cover. Moderate rainfall is expected during the next five days Maximum temperature is expected to be 33.0°C to 34.0°C. Minimum temperature is expected to be 23.0°C to 24.0°C. Morning relative humidity is expected to be 78-80 per cent and evening relative humidity is expected to be 58-60 per cent. Next 24 hour wind speed is expected to be 6-8 km per hour and the wind direction will be from East and Southeast direction.

General Advisory:

Moderate rainfall is expected during the next five days. Hence, farmers are requested to avoid irrigation. Provide the drainage facilities. Farmers are Advised to avoid spray. From extended range forecast, Above Normal rainfall, Normal maximum and minimum temperature expected form period of October 25 to October 31 over TamilNadu.

SMS Advisory:

Moderate Rainfall. Farmers are advised to repair water channels, farm ponds and other water bodies to harvest rain water for effective utilization of rain water.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. To manage this pest, spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water or

Crop(Varieties)	Crop Specific Advisory
	Flubendiamide 480 SC @ 0.4 ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
GROUNDNUT	Groundnut leaf miner: Aproaerema modicella Severely attacked field looks "burnt" from a distanc. 1. Later stages larvae web the leaflets together and feed on them, remaining within the folds. 2. Young larvae initially mine into the leaflets, feed on the mesophyll and form small brown blotches on the leaf 3.Symptoms of damage: Larvae: Green in colour with dark head and prothroax 4. Eggs: Shiny white and are laid singly on the underside of the leaflets. Identification of the pest: Adult: Brownish grey moth, 6 mm long with 10 mm wing span. Forewings with white spot on the costal margin. Management: ETL: 1 larvae/meter row Set up light traps @12/h. 2. Apply Malathion 50 EC 1.25 l/ha.c
GROUNDNUT	Groundnut Tikka Early Leaf spot: pathogen: Cercospora arachidicola. Symptoms: 1. The spots appear on the upper surface. 2. Spots are round; appear in brown colour surrounded by yellow halo. Disease cycle: pathogen is transmitted though seeds and plant debris. Conidia are transmitted by wind and rain. Management: 1.Intercropping with-green gram @4:1 ratio. 2. Growing of Tolerant varieties TMV-6, TMV10 3.Spraying of Chlorothalonil (0.2%) followed by a second spray at 15 days interval.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CUSTARD APPLE	Harvesting -The custard apple is a climacteric fruit and season of fruiting falls between September and October. 1. Maturity indices for quality fruit is change of color from green to its varietal shade.2. Immature fruits do not ripe and no color change is observed. 3. Indication of maturity is observed by swelling of apical bud, prominent scale and plummy.4. Fruit become scales or segment turn creamy white.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Goat - PPR - Peste - des - petits Ruminants. I. Highly contagious viral disease of goats causes high mortality. ii. Affected animals will have high fever, loss of appetite, foul smelling diarrhoea and discharge from eyes & Nose. Prevention & control measures: I .Regular vaccination can prevent the occurrence of the disease. ii. Vaccination should be done to the kids above 3 months and should be repeated every year during July, August and september.iii. Affected animals should be treated separately. iv. Wash the oral llesions with 1% KMNO4 solution V. Give soft feeds like Rice or Ragi gruel to the affected animals. Vi. Strict bio- security measure should be followed.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Plant Protection: Damping off: Crops- Brinjal, Tomato, Chilli. Symptoms: Toppling off seedlings. Rottening of collar region. Management: Drenching with metaloxyl (0.1%) Raised bed nursery for maintaining the nursery.