



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



Agromet Advisory Bulletin

Date : 14-03-2023

Weather Forecast of District VIRUDHUNAGAR(Tamil Nadu) Issued On : 2023-03-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-15	2023-03-16	2023-03-17	2023-03-18	2023-03-19
Rainfall(mm)	0.0	1.0	1.0	1.0	1.0
Tmax(°C)	36.0	36.0	35.0	35.0	35.0
Tmin(°C)	22.0	22.0	21.0	21.0	21.0
RH-I(%)	80	80	80	80	80
RH-II(%)	30	30	30	40	40
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	230	200	250	230	340
Cloud Cover(Octa)	1	2	3	4	5

Weather Summary/Alert:

Very Light to Moderate cloud cover. Very Light rainfall is predicted 16.03.2023 to 19.03.2023. Maximum temperature is expected to be 35.0°C to 36.0°C. Minimum temperature is expected to be 21.0°C to 22.0°C. Morning relative humidity is expected to be around 90 percent and evening relative humidity is expected to be 30-40 per cent. Next 24 hour wind speed is expected to be around 6.0 km per hour and the wind direction will be from Southwest and Northwest direction.

General Advisory:

Very Light rainfall is predicted 16.03.2023 to 19.03.2023. 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:

Very light Rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	By spraying of groundnut rich @ 2 kg/acre mixed with 200 litres of water with required amount of sticky liquid at the time of flowering and pod development to get a higher yield

Crop(Varieties)	Crop Specific Advisory
	up to 15% and to increase drought tolerance.
GROUNDNUT	Sucking Pest infestation in Groundnut: Aphids, thrips and leafhopper infestation will be expected. 1. Yellowing in leaves or leaves mottle with chlorotic or dark green spots. 2. Stunted growth. 3. Brown necrotic areas and silvery streaks on lower surface. Management: 1. NSK (Neem seed Kernel extract) @5%. 2. Installation of yellowing and Blue sticky traps @5no./acre.3. Spray with imidacloprid 17.8% SL 100-125ml/ha.
COTTON	By spraying of cotton plus @ 2.5 kg/acre mixed with 200 litres of water with required amount of sticky liquid at the time of flowering and boll formation to increase drought tolerance and get a higher yield up to 18%.
SUGARCANE	Sugarcane Smut Symptoms: 1. Whip like structure (25-150cm) from the growing point 2. Whip covered by translucent silvery membrane enclosing mass of black powdery mass 3. Initial canes changed into lengthy elongated lean canes and reduced in length 4. Profuse sprouting of lateral buds with erect leaves. Management: 1. Ratooning is not allowed if the infection is above 10% 2. Redgram will be cultivated as an intercrop to reduce the incidence 3. Roguing of smut whips covered with polythene bags and collected smutted whips should be dipped in boiling water or one hour 4. If the infection is high, recommend spraying of tilt (0.1%) at 15 days intervals. 5. Sett treatment with carbendazim for 20-30 minutes.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Shoot and fruit borer: Leucinodes orbonalis Symptoms of damage: 1. Withering of terminal shoots/ dead hearts. 2. Bore holes in shoots and fruits plugged with excreta 3. Shedding of flower buds 4. Withering and drying of leaves. Management: 1. Remove the affected terminal shoot showing boreholes. 2. Remove the affected fruits and destroy. 3. Avoid continuous cropping of brinjal crop. 4. Grow the varieties with long and narrow fruits in endemic areas 5. Install pheromone trap @ 12/ha 6. Avoid use of synthetic pyrethroids 7. Avoid using insecticides at the time of fruit maturation and harvest 8. Neem seed kernel extract (NSKE) 5% any one of the following chemicals starting from one month after planting at 15 days interval. Insecticide: 1. Azadirachtin 1.0%EC (10000pm) 3.0 ml/lit. (OR) Emamectin benzoate 5% SG 4g/10lit. (OR) Flubendiamide 20 WDG 7.5g/10lit.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Symptoms: High fever followed by appearance of blisters on the hairless parts of the body especially lips, nose, mouth, eyes, Groin, Udder and under the base of the tail. Prevention: 1. Vaccinating the animals above 3 months- primary Vaccination. 2. Annual revaccination should be done at the time of Feb-March. Treatment: 1. Isolate the affected animal and treating them symptomatically. 2. Boric acid and glycerin paste can be applied over the skin lesions. 3. Antibiotics should be given for 3-5 days.

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 curtains can be arranged on the sides of shed will reduce the heat inside the shed.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Increase in maximum temperature, chance for increase of sucking pest. Farmers were advising to monitor the sucking pest and precaution may be given. Farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the Aphids and leaf miner.

