



Agromet Advisory Bulletin

Date : 17-02-2023

Weather Forecast of District VIRUDHUNAGAR(Tamil Nadu) Issued On : 2023-02-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-18	2023-02-19	2023-02-20	2023-02-21	2023-02-22
Rainfall(mm)	0.0	1.0	0.0	0.0	0.0
Tmax(°C)	34.0	34.0	35.0	35.0	35.0
Tmin(°C)	19.0	20.0	20.0	21.0	21.0
RH-I(%)	80	90	90	80	70
RH-II(%)	30	20	30	20	20
Wind Speed(kmph)	4.0	6.0	4.0	8.0	8.0
Wind Direction(Degree)	20	20	50	20	360
Cloud Cover(Octa)	0	3	0	0	0

Weather Summary/Alert:

Light cloud cover. Very Light rainfall is predicted 19.02.2023. Maximum temperature is expected to be 34.0°C to 35.0°C. Minimum temperature is expected to be 19.0°C to 21.0°C. Morning relative humidity is expected to be around 70 -90 percent and evening relative humidity is expected to be 20-30 per cent. Next 24 hour wind speed is expected to be 4-8 km per hour and the wind direction will be from North direction.

General Advisory:

Very Light rainfall is predicted 19.02.2023. So, farmers are advised to irrigate crops based on crop requirement and soil moisture.

SMS Advisory:

Very light Rainfall. Chance for dry spell. Hence, the farmers are requested to plan the irrigation based on crop requirement.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	Guava styelar end rot disease: Pathogens Phomopsis psidii (A fungus) 1.Symptoms: Discoloration/ Symptoms seen in the region below the persistent calyx. 2. Affected area increases in size and became soft.3. Mesocarp tissue also shows discoloration and diseased area became pulpy. 4. Size of fruit is reduced affected fruit is covered with pycnidia. Management: 1. Avoid fruit injury and do proper bagging of fruit. 2. Spray carbendazim (0.1%) Thiophanate methyl 0.5g/lit.

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 curtaines 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	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.