



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



Agromet Advisory Bulletin

Date : 29-09-2023

Weather Forecast of District VIRUDHUNAGAR(Tamil Nadu) Issued On : 2023-09-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-30	2023-10-01	2023-10-02	2023-10-03	2023-10-04
Rainfall(mm)	0.0	0.0	0.0	0.0	5.0
Tmax(°C)	36.0	36.0	35.0	35.0	35.0
Tmin(°C)	26.0	26.0	25.0	25.0	24.0
RH-I(%)	70	70	70	80	70
RH-II(%)	40	50	50	50	40
Wind Speed(kmph)	16	16	14	14	12
Wind Direction(Degree)	230	230	230	230	230
Cloud Cover(Octa)	6	8	7	8	7

Weather Summary/Alert:

Moderate to Very High cloud cover. Light rainfall is predicted 04.10.2023. Maximum temperature is expected to be 35.0°C to 36.0°C. Minimum temperature is expected to be 24.0°C to 26.0°C. Morning relative humidity is expected to be 70-80 per cent and evening relative humidity is expected to be 40-50 per cent. Next 24 hour wind speed is expected to be 12-16 km per hour and the wind direction will be from southwest direction.

General Advisory:

Light Rainfall. Purchase the seed i.e., diseases free and quality seed from the authorized person for raising crops during the ensuing North east monsoon season. Crop varieties suitable for "Purattasipattam" (September and October) : Blackgram- VBN 11; Green gram - VBN 4; Maize- COH6 and CO8; Cotton-SVPR 6,SVPR4, KC3 and Co 17; Barnyard Millet-MDU1; Sorghum K12 can be cultivated.

SMS Advisory:

Light rainfall. Wind speed is predicted to be high farmers are advised to go for plant protection measures.

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 Flubendiamide 480 SC @ 0.4 ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
SHEEP	Enterotoxaemia: A Bacterial disease causing severe illness and mortality in all ages of sheep. Occurrence is more common after rainy season. Clinical Signs: Young lambs die suddenly without any symptoms. Severe stomach pain, Diarrhoea, difficulty in breathing, convulsions before death may be observed in some animals. Prevention: Young animals should be vaccinated at 6 weeks of age And revaccination should be done every year prior to rainy season. Restrict the animals to young succulent grass pasture immediately after rainy season. Avoid sudden change in the feed.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Enriched Farm Yard Manure (FYM): Mix are cart of cow dung 5kg of super phosphate, Potash and urea each ,one quarter bag of field soil (Soil taken from field) and had full of calcium ,mix well and under shade for 15 days and use. Benefits: Improves soil physical and biological properties including supply of almost all the essential plant nutrients for growth and development of plants.
GENERAL ADVICE	Foliar application of Urea, DAP and KCL for pulses: Spray 1% Urea (10g/lit of water) on 30 and 45 days after sowing. Spray 2% DAP (20g/lit of water) at the time of first appearance of flowers and second spray after 15 days of first spray for enhanced seed set. Spray 2% KCL (20g/lit of water) on 30 days after sowing to increase yield and quality and pulses.
GENERAL ADVICE	Method of seed treatment: 1.Add 80ml of TNAU seed coating formulation vithai amirtham 8kg of to the seeds and stir vigorously for complete coating of seeds. 1. After drying, the coated seeds can be used for sowing. Benifits: 1. Increases the speed of redicle emergence. 2. Improves seed germination percentage @8-10percent. 3. Enhances stress tolerance by increasing secondary root growth.
GENERAL ADVICE	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.
GENERAL ADVICE	Cows and goats should be kept away from the pond during the rainy season to protect them from flatworm attacks.
GENERAL ADVICE	The use of a mechanical seeding technique in rainfed direct seeding of paddy helps to maintain optimum depth and spacing as well as minimize crop loss from drought.
GENERAL ADVICE	Presence of rain and high humidity with high wind is conducive for False smut disease. it can be controlled by spraying of copper oxychloride @ 2.5 g/litre or Propiconazole @ 1.0 ml/litre.