



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



Agromet Advisory Bulletin

Date : 03-09-2024

Weather Forecast of District THE-NILGIRIS(Tamil Nadu) Issued On : 2024-09-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-09-04	2024-09-05	2024-09-06	2024-09-07	2024-09-08
Rainfall(mm)	2.0	6.0	2.0	2.0	5.0
Tmax(°C)	20.0	19.0	19.0	19.0	18.0
Tmin(°C)	13.0	13.0	12.0	12.0	12.0
RH-I(%)	90	90	90	90	90
RH-II(%)	70	70	60	70	60
Wind Speed(kmph)	8	6	8	6	8
Wind Direction(Degree)	270	270	270	270	270
Cloud Cover(Octa)	7	8	8	8	7

Weather Summary/Alert:

As per District level forecast issued by the IMD for the Nilgiris district, the sky will be cloudy. Very light rainfall is expected for the first, third & fourth days, light rainfall is expected for the second & fifth day. Maximum temperature will be around 18- 20°C, and minimum temperature will be around 12-13°C. Morning relative humidity will be around 90 % and evening relative humidity will be around 60-70%. Wind speed is to be around 06 -08 km per hour.

General Advisory:

Management of seedborne diseases: Seeds can be treated with Trichoderma asperellum @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed borne pathogens. Further, soil testing has to be done before any cropping programme.

SMS Advisory:

To manage Late blight in potato crop, • Foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended during the rain free period.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CARROT (Vegetative)	Rust fly management : Soil application of chlorantraniliprole granules insecticide @ 4kg/acre at 45 – 50 days after sowing may be given during rain free period.
CARROT (Sowing)	For the management of nematode in carrot, soil application of neem cake @ 1 ton/ha at planting. Bio fumigation of mustard plants followed by application of neem cake @ 250kg/ha along with Purpureocilliumlilacinum @ 5kg/ha is recommended, Applying for may be given during rain free period.

Horticulture (Stage)	Horticulture Specific Advisory
BEETROOT (Vegetative)	To manage cercospora leaf spot in beetroot crop: • Removal and destruction of affected plants and practicing crop rotation are beneficial in controlling the disease. • Spraying with Copper oxychloride (0.3 %) thrice at an interval of 15 days controls the disease effectively is spray may be given during rain free period.
TEA (Vegetative)	Management of blister blight disease in tea: • Removal and destruction of affected leaves and shoots by pruning • Spray hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval (or) • Copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval, particularly during June-September and October-November months • Avoid cultivation of susceptible varieties and grow resistant varieties CIB recommendation • Spray any one of the following chemicals • Hexaconazole 5% EC @ 200ml/ha (or) • Propiconazole 25% EC @ 125-250ml/ha (or) • Carbendazim 12%+ Mancozeb 63% WP @ 1250g/ha (or) • Hexaconazole 4% + Zineb 68% WP @ 625g/ha
BANANA (Transplanting)	Banana growth and Soil borne diseases Management: Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicom post @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sun hemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana, application can be made during the rain-free period.