



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



## Agromet Advisory Bulletin

Date: 16-09-2024

Weather Forecast of District THE-NILGIRIS (Tamil Nadu) Issued On: 2024-09-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-09-17	2024-09-18	2024-09-19	2024-09-20	2024-09-21
Rainfall (mm)	5.0	4.0	2.0	0.0	0.0
Tmax (°C)	19.0	18.0	18.0	17.0	18.0
Tmin (°C)	12.0	11.0	11.0	12.0	12.0
RH-I (%)	90	90	90	90	80
RH-II (%)	50	50	50	40	50
Wind Speed (kmph)	6	8	6	6	8
Wind Direction (Degree)	290	270	270	270	270
Cloud Cover (Octa)	4	4	5	1	0

### Weather Summary/Alert:

As per District level forecast issued by the IMD for the Nilgiris district, the sky will be partly cloudy to clear. Light to very light rainfall is expected for the first three days, no rainfall is expected for the fourth & fifth day. Maximum temperature will be around 17-19 °C and minimum temperature will be around 11-12°C. Morning relative humidity will be around 80-90% and evening relative humidity will be around 40-50%. 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 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. Spray may be given during rain free period.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	To manage late blight in potato crop: Foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2g/l on 45, 60 and 75 days after planting is recommended during the rain free period.

Vegetable crops (Chow Chow, Bitter gourd, Chilli, Beans)	<b>Integrated disease management strategies for the management of virus diseases in vegetables</b> <ul style="list-style-type: none"> <li>• Select disease free seeds</li> <li>• Follow crop rotation</li> <li>• Collect and destroy the virus affected plants</li> <li>• Nursery beds should be covered with nylon net or straw</li> <li>• Raise 2-3 rows of maize or sorghum as border crop</li> <li>• Install sticky traps (blue&amp; yellow) @ 5 nos/acre.</li> <li>• If necessary, spray the crop with systemic insecticides, Dimethoate @ 2.0 ml/litre (or) Thiamethoxam @ 0.2 ml/litre (or) Imidacloprid @ 0.2 ml/litre of water using hand sprayer during the rain free period.</li> </ul>
TEA (Vegetative)	Management of blister blight disease in tea: <ul style="list-style-type: none"> <li>• Removal and destruction of affected leaves and shoots by pruning</li> <li>• Spray hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval (or)</li> <li>• Copper oxychloride @ 210g+propiconazole@200ml/haat 10 days interval, particularly during June-September and October-November months</li> <li>• Avoid cultivation of susceptible varieties and grow resistant varieties CIB recommendation</li> <li>• Spray any one of the following chemicals</li> <li>• Hexaconazole 5% EC @ 200ml/ha (or)</li> <li>• Propiconazole 25% EC @ 125-250ml/ha (or)</li> <li>• Carbendazim 12%+Mancozeb63%WP@1250g/ha(or)</li> <li>• Hexaconazole4%+Zineb68% WP @ 625g/ha</li> </ul>
Carrot (Vegetative)	For the management of nematode in carrot, soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with <i>Purpureocillium lilacinum</i> @ 5kg/ha is recommended, Application may be given during rain free period.