



## Garmin Krishi Mousam Sewa (GKMS)

### Agromet Advisory Bulletin for Idukki District

(Valid from 21.01.2023 to 25.01.2023)

Prepared by Kerala Agricultural University, RARS, Ambalavayal based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi

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#### A. Significant weather for the preceding week at Idukki

Rainfall(mm)	Maximum Temp.(°C)	Minimum Temp.(°C)	RH (%)	Sun shinehours	Evap. (mm)
(0.0)	(19.5-20.0)	(9.5-10.5)	(92-96)	(9.0-10.0)	(3.0)

#### Medium range weather forecast of IMD for next five days

Weather parameters	21-01-2023	22-01-2023	23-01-2023	24-01-2023	25-01-2023
Rainfall (mm)	0	0	0	0	0.5
Maximum temperature (°C)	30	30	30	30	30
Minimum temperature (°C)	18	18	18	18	18
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	52	52	52	52	52
Wind speed (kmph)	4	3	3	3	4
Wind direction (deg)	90	70	140	110	90
Total cloud cover (octa)	5	6	6	8	8

**Weather summary / Alert:** Moderate rainfall and windspeed are expected for the coming weeks. So, farmers are advised to take appropriate precautionary measures.

Main Crops and stages	Pest and Diseases	Agricultural Advisories
<b>Coconut</b>	Red palm weevil Rhinoceros Beetle Bud rot disease	Plough the inter spaces for controlling the weed growth and enhancing the infiltration of rain during NE monsoon. Keep vigilance against Red palm weevil attack. More severe in young palms. Leaf axil filling with sand and seven for controlling red palm weevil and Rhinoceros beetle. Bud rot -Cut and burn completely affected palms. Remove the infected areas and dressed with Bordeaux paste.
<b>Arecanut</b> (Harvesting)	Spindle bug Yellow leaf disease	Ideal time for mulching. Keep the garden clean and start irrigation
<b>Pepper</b> (*****)	Pollu Beetle Quick wilt Burrowing Nematode	Take necessary phyto-sanitary measures. Drench the soil with 0.2% Copper oxy chloride and apply Bordeaux mixture as a prophylactic measure to control Quick wilt disease. Application of <i>Trichoderma viride</i> on the sides of standards will control the disease.
<b>Banana</b> (3-4 months old )	Sigatoka Leaf spot Burrowing Nematode	Short duration vegetable crops like Amaranthus, Cow pea etc. can be cultivated in the interspaces of newly planted crop. Apply first dose of fertilizers (50:65:65g NPK per plant). Spray 1% Bordeaux mixture as a prophylactic measure to control leaf spot.
<b>Ginger</b> (Nearing harvest)	Soft rot Shoot borer Bacterial wilt	Green ginger can be harvested. To control soft rot, drench the soil with 1% Bordeaux mixture 0.3% mancozeb. Application of pseudomonas, split application of fertilizers and increased application of organic fertilizers are found to be effective in controlling the disease. Spray 0.1% malathion to control shoot borer.
<b>Cardamom</b> (Harvesting)	Azhukal Disease	Farmers should be vigilant about Azhukal Disease. Keep the field weed free and rake the inter spaces.

<b>Coffee</b> (Berry maturing)	Berry Borer	Farmers are advised to spray Quinalphos (0.05%) 400 ml in 200 litres of water against coffee berry borer.
<b>Animal Husbandry</b>	Caring	Avoiding moisture in places where cattle feeds are being stored reduce the chances of food poison. livestock shed and premises should be kept clean by the proper disposal of food waste for avoiding <i>Leptospirosis</i> .

Ambalavayal  
20.01.2023

Nodal Officer  
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