

Agromet Advisory Bulletin for the District, Kannur

(Valid from 11.12.2021 to 15.12.2021)

(Issued jointly by Kerala Agricultural University Regional Agricultural Research Station Pilicode & India Meteorological Department)

Bulletin Number: Pilicode/Knr-99/2021

Date: 10/12/2021


A. Weather Summary of preceding four days






Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
00	34.0 – 35.2	23.8 – 25.3	67.3 – 90.4	00 - 08



B. Weather forecast for next five days

Parameters	11-12-2021	12-12-2021	13-12-2021	14-12-2021	15-12-2021
Rainfall, mm	0	0	0	1	1
Max. Temp, °C	35	35	35	35	35
Min. Temp, °C	24	24	24	24	24
Max. Relative Humidity, %	90	90	90	90	90
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	10	10	12	10	8
Wind direction, degrees	200	230	250	250	270
Total cloud cover, octa	1	4	6	5	7

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions	No rain		
	<p>The sky will be cloudy to partially cloudy. Low night temperature and high day temperature will be experienced. Hence there will be large difference between day time temperature and night temperature. The atmospheric humidity also will be high.</p> <p>Fungal diseases like blight, leaf spots and wilt may spread in crops. Keep vigilance. Take control measures in the beginning stage of diseases.</p>		
Rice	Maximum tillering stage	<p>False smut</p> 	<p>Prophylactic application of hexaconazole or propiconazole @ 2ml/litre, before panicle initiation. After harvesting deep plough the fields.</p>

Coconut	Bearing stage	<p>Coreid bug</p> 	<p>Harvest all the matured nuts. Spray quinalphos (@2ml/l) on remaining bunches. After spraying there should be a waiting period of 45 days for the next harvest.</p>
Coconut	Bearing stage	<p>Mahali</p> 	<p>Harvest matured nuts. After that spray 1% Bordeaux mixture to the affected nuts/bunches</p>
Black pepper	Bearing stage	<p>Thread blight</p> 	<p>Adopt field sanitation. Apply copper oxy chloride (@ 2 g per litre of water)</p>
Jack	Various stages	<p>Late spot</p> 	<p>Spray Mancozeb or Saaf (2g/litre of water)</p>
Cashew	Seedlings (up to four years)	<p>Tea mosquito attack and associated fungal diseases</p> 	<p>Prophylactic spray of combination of Bordeaux mixture (1% strength) + quinalphos (2ml/litre of the Bordeaux mixture) If die back is seen apply combination of hexaconazole and malathione (@ hexaconazole 1ml + malathione 1ml per litre of water)</p>

Pumpkin	All stages	<p>Pumpkin beetle</p> 	<p>Apply malathion 50 EC @ 2 ml / litre of water or malathion 50 EC @ 2 ml + neem oil 4ml per litre of water.</p> <p>After irrigation, drench the soil with malathion 50 EC @ 2 ml / litre of water. After the application of insecticide, with hold irrigation on next two days.</p>
Arecanut	Bearing stage	<p>Inflorescence die back and button shedding</p> 	<p>Warm humid conditions after the rains can cause the disease. Spray Mancozeb 2gm/litre or Bordeaux mixture 1%. Repeat after 20-25 days.</p>

Sd/-
Nodal Officer,
GKMS Project, RARS Pilicode