



Agromet Advisory Bulletin for the District, Kannur

(Valid from 02.01.2021 to 03.01.2021)

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



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A. Weather Summary of preceding four days







Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	33.4 – 34.5	23.0-25.1	67–85	04 -06

B. Weather forecast for next five days

Parameters	02.01.2021	03.01.2021	04.01.2021	05.01.2021	06.01.2021
Rainfall, mm	0	0	1	1	0
Max. Temp, °C	34	34	34	34	34
Min. Temp, °C	24	24	24	25	25
Max. Relative Humidity , %	85	85	85	85	85
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	16	14	12	14	10
Wind direction, degrees	200	200	230	230	230
Total cloud cover, octa	2	2	4	6	5

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		Isolated rainfalls and strong wind may occur. Prop bananas and vegetables Copra and Rubber, Arecanut etc should not be left in the drying yards during night.	
Okra	All stages	Jassids 	Spray Thiamethoxam @ 2gm/10litre of water.

Amaranthus	All stages	<p>Leaf blight</p> 	Avoid overhead irrigation. Irrigate gently the basal regions of the plants. If disease is severe, apply cow dung slurry supernatant (2%) as foliar spray and <i>Pseudomonas fluorescens</i> (2%) or <i>Trichoderma viridae</i> (2%) as soil application.
Bitter gourd	All stages	<p>Fruit fly</p> 	<p>Setting up of pheromone trap (Cue lure @ 1/15 cent)</p> <p>Spot application of 10 % jaggery containing 0.1 % malathion @ 1 spot/40 m² on underside of leaves at fortnight intervals.</p>
Chilli	Active growing stage	<p>Thrips and Mites</p> 	Spray 'spiromesifen' (@ 1ml in litre of water)
Cowpea	Growing stage	<p>Wilt</p> 	Spray Contaf (@ 2ml/litre)
Pumpkin	All stages	<p>Pumpkin beetle</p> 	<p>Apply malathion 50 EC @ 3 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 @ 3 ml / litre of water. After the application of insecticide, withhold irrigation on next two days.</p>
Cashew	Flushing stage	<p>Tea mosquito bug</p> 	<p>Prophylactic measures:</p> <p>1) The fungal biological control agent, <i>Beauveria bassiana</i> can be sprayed @ 20g/L</p> <p style="text-align: center;">Or</p> <p>2) Spray quinalphos (2ml/litre) or Thiamethoxam (0.2g/L)</p>