



Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 02.01.2021 to 06.01.2021)

(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	29.0 – 30.0	21.5 – 23.0	85– 96	01-02

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	0	0	0
Max. Temp, °C	34	34	34	34	34
Min. Temp, °C	23	23	23	23	23
Max. Relative Humidity, %	88	88	88	88	88
Min. Relative Humidity, %	65	65	65	65	65
Wind speed, km/h	16	14	12	6	10
Wind direction, degrees	230	230	230	230	250
Total cloud cover, octa	2	2	4	5	5

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories
General conditions		Rainfalls are unlikely to occur. Mulch the soils at the basins of crop to prevent the loss of water through evaporation.	
Water conservation		Give mulches in basins to prevent water loss from soil. 	
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.
Chilli	Active growing stage	<p>Thrips and Mites</p> 	Spray 'spiromesifen' (@1ml in litre of water)
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>
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, with hold 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>Beavaria 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>