



**Kerala Agricultural University, Vellanikkara, Thrissur**  
**Department of Agricultural Meteorology, College of Horticulture**

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

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**CURRENT SYNOPTIC SITUATION:** : A Trough of Low at mean sea level runs from Comorin area to Southwest Bay of Bengal off South Andhra Pradesh coast. Another trough of Low at mean sea level lies over south east Arabian sea and adjoining equatorial Indian Ocean. A cyclonic circulation lies at 3.1 km above sea level over east central Arabian sea and adjoining Coastal Karnataka.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	05.12.2018	06.12.2018	07.12.2018	08.12.2018	09.12.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	32.5	32.5	32.5	32.5	32.5
Minimum temperature (°C )	24.5	24.5	24.5	24.5	24.5
Total cloud cover (octa)	5	5	4	4	4
Maximum Relative Humidity (%)	85	85	80	80	80
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	270	270	270	270	270

**No rainfall is forecasted for coming five days in the district by India Meteorological Department.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Cucurbitaceous Vegetables	-	Powdery mildew	White powdery spots are seen on the leaves of the affected plants. If any fruits are present, harvest them. Then apply 1.5 ml tebuconazole or 0.5 ml difenoconazole per one litre of water. After 10 days, apply 20 g of <i>Trichoderma viride</i> per one litre of water to control powdery mildew disease of vegetables.
Banana	-	<i>Spodoptera</i>	Destroy the affected leafs along with the <i>Spodoptera</i> . If <i>Spodoptera</i> attack is severe, spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml per 10 litre of water.
Paddy	Tillering stage	Rice armyworm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> <li>• Complete flooding of field for 24 hours wherever possible.</li> <li>• Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds.</li> <li>• In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers.</li> <li>• Keep the field bunds and surroundings weed free.</li> </ul>
Animal Husbandry	Provide plenty of clean drinking water in the cattle sheds and grazing lands. (CAADECCS, KVASU, Mannuthy)		