



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

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

Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



ERNAKULAM DISTRICT

AAS 46/2018(90), Tuesday

13.11.2018

CURRENT SYNOPTIC SITUATION: The cyclonic storm ‘Gaja’ lay centered at 0830 hrs. IST over west central and adjoining East central & South west Bay of Bengal near Lat 13.3° N / long 87.1° E about 740 km east Northeast of Chennai .

HEAVY RAINFALL WARNING: DAY 3: Heavy to very heavy rainfall is most likely to occur in Kollam District and heavy rainfall is most likely to occur at isolated places in Trivandrum & Pathanamthitta district .

DAY 4: heavy to very heavy rainfall is most likely to occur at isolated places in Trivandrum & Kollam district and heavy rainfall is most likely to occur at isolated places in Pathanamthitta & Alappuzha district .

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	14.11.2018	15.11.2018	16.11.2018	17.11.2018	18.11.2018
Rainfall (mm)	7	5	3	21	10
Maximum temperature (°C)	31	31	31	31	31
Minimum temperature (°C)	24.6	24.8	24.6	24.8	24.3
Total cloud cover (octa)	5	4	5	6	7
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	6	8	6	8	6
Wind direction (deg)	320	360	30	50	70

As per IMD forecast, light rainfall is expected for coming days in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Seedling stage	Rice armyworm	<p>There is a chance of rice armyworm in the paddy field. To control,</p> <ul style="list-style-type: none"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds. • In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. • Keep the field bunds and surroundings weed free.
Banana	-	<i>Spodoptera</i>	<p>Destroy the affected leaves 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.</p>
Pepper	-	Yellowing	<p>Yellowing was observed in pepper due to flood situation followed by physiological drought. Soil drenching with 2g kocide per one litre of water, followed by a foliar spray and soil drenching with 20 g of pseudomonas per litre of water, after two weeks i/s recommended.</p>
Animal Husbandry	<p>Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)</p>		