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Agromet Advisory Service Bulletin

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



ERNAKULAM DISTRICT

AAS 44/2020,(88) Friday

30.10.2020

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Tamil Nadu coast & adjoining Southwest Bay of Bengal extending upto 4.5 km above mean sea level. A cyclonic circulation lies over Eastcentral Bay of Bengal & adjoining North Andaman Sea between 1.5 & 4.5 km above mean sea level. A cyclonic circulation lies over South & adjoining Central Arabian Sea extending upto 1.5 km above mean sea level persists.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	31.10.2020	01.11.2020	02.11.2020	03.11.2020	04.11.2020
Rainfall (mm)	2	0.2	0.3	4	4
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	24	24	24
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	76	76	76	76	76
Wind speed (kmph)	16	12	10	10	12
Wind direction (deg)	250	250	250	270	270
Total cloud cover (octa)	5	5	5	7	8

As per the forecast of IMD & KAU, there is a chance of low rainfall in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since low rainfall is expected, spraying of pesticides and drying of agricultural products can be done.		
Rice (Mundakan) Seedling stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder attack in <i>Mundakan</i> Paddy. It can be controlled by using <i>trichogramma</i> cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one litre of water.
	Army worm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per ten 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	Planting time	Lime can be applied at 250 gram per plant at the time of planting.
Brinjal	White fly	There is a chance of white fly attack in Brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity.