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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 48/2018(94), Tuesday

27.11.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 15.2 mm. the maximum temperature ranges from 32.3°C to 34.1°C, minimum temperature ranges from 22.1°C to 25.3°C. Morning relative humidity ranges from 73% to 96% and afternoon relative humidity ranges from 50% to 62%. Wind speed ranges from 1.2 to 9.1 km/h. Bright sunshine hours range from 6.5 to 9.4 hours. Evaporation ranges from 2.7 to 3.6 mm.

CURRENT SYNOPTIC SITUATION: Light to moderate northeasterlies prevail in the lower levels over Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.11.2018	29.11.2018	30.11.2018	01.12.2018	02.12.2018
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31.6	31.6	31.6	31.6	31.6
Minimum temperature (°C)	25.7	25.7	25.7	25.7	25.7
Total cloud cover (octa)	1	4	4	4	4
Maximum Relative Humidity (%)	90	88	86	91	91
Minimum Relative Humidity (%)	49	48	51	54	53
Wind speed (kmph)	14	12	12	14	12
Wind direction (deg)	76	74	77	80	78

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Seedling stage	Rice armyworm	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 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.
Vegetables (cowpea)	-	Downy mildew	There is a chance of downy mildew attack in vegetables. Apply 2.5g curzate M-8 or one milli Equation pro per one litre of water under the leaves.
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.
Animal Husbandry	Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)		