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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 46/2018(91), Friday

16.11.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 33.8°C to 34.3°C, minimum temperature ranges from 21.8°C to 23.4°C. Morning relative humidity ranges from 80% to 95% and afternoon relative humidity ranges from 41% to 61%. Wind speed ranges from 1.3 to 3.1 km/h. Bright sunshine hours range from 4.3 to 9.9 hours. Evaporation ranges from 2.1 to 3.8 mm.

CURRENT SYNOPTIC SITUATION: The cyclonic storm 'Gaja' over coastal Tamil Nadu moved nearly westwards and lay centered at 0830 hrs. IST of today the 16th November 2018 over interior Tamil Nadu near Lat 10.4° N / long 78.5° E about 95 km west of Atiramapattinam and 110 km east Northeast of Kodaikkanal .It is very likely to move nearly westwards and weaken into a deep depression during next 3 hrs. The remnant of the above system after landfall is likely to emerge as a low pressure area over south east Arabian sea by tomorrow . It is likely to become more marked and move westwards during subsequent 24hrs. A cyclonic circulation lies over Malay Peninsula and adjoining Equatorial Indian ocean and extends upto 2.1 km above mean sea level. Under its influence a low pressure area is likely to form over central parts of south Bay of Bengal by the evening of 18th November.

HEAVY RAINFALL WARNING:

DAY 1: Heavy to very heavy rainfall is very likely to occur at one or two places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	17.11.2018	18.11.2018	19.11.2018	20.11.2018	21.11.2018
Rainfall (mm)	35	5	10	24	6
Maximum temperature (°C)	30.1	30.1	30.1	30.1	30.1
Minimum temperature (°C)	25.1	25.1	25.1	25.1	25.1
Total cloud cover (octa)	8	5	6	7	5
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	6	6	6
Wind direction (deg)	230	160	130	180	130

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

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.
Banana	-	Spodoptera	Destroy the affected leafs along with the Spodoptera. If Spodoptera attack is severe, spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml per 10 litre of water.
Pepper	-	Yellowing	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.
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)		