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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 46/2019(91), Tuesday

11.11.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 34.9 mm. The maximum temperature ranges from 32.2°C to 33.8°C, minimum temperature ranges from 18.3°C to 22.4°C. Morning relative humidity ranges from 79 % to 97% and afternoon relative humidity ranges from 64% to 82%. Wind speed ranges from 0.8 to 1.2 km/h. Bright sunshine hours range from 5.1 to 9.1 hours. Evaporation ranges from 2.4 to 3.1 mm.

CURRENT SYNOPTIC SITUATION: The deep Depression over coastal Bangladesh & neighbourhood weakened into a depression over south east Bangladesh & adjoining south Tripura, further weakened into a Low Pressure Area over southern parts of Tripura and neighbourhood with associated cyclonic circulation extending upto 3.1 km above mean sea level.

An upper air trough lies over south Tamil Nadu and Neighbourhood at 0.9 km above mean sea level

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 12.11.2019 | 13.11.2019 | 14.11.2019 | 15.11.2019 | 16.11.2019 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 15 | 18 | 2 | 2 | 2 |
| Maximum temperature(°C) | 32 | 32 | 32 | 32 | 32 |
| Minimum temperature (°C) | 22 | 22 | 22 | 22 | 22 |
| Maximum Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Minimum Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Wind speed (kmph) | 2 | 8 | 6 | 4 | 2 |
| Wind direction (deg) | 90 | 160 | 70 | 50 | 140 |
| Total cloud cover (octa) | 7 | 7 | 5 | 5 | 7 |

As per the forecast of IMD & KAU, there is a chance of decreasing the intensity of rainfall.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--|----------------|---|
| General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases. | | |
| Rice (Mundakan) Seedling stage | Rice case worm | During rainy season, there is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with one litre kerosene can be spread after draining the field (for 1 acre). |
| | Gall midge | During rainy season, there is a chance of gall midge attack in mundakan paddy. As a prophylactic measure, root of the seedlings are dipped in 0.02% chlorpyrifos suspension for 12 hours prior to planting. |
| Ginger | Rhizome rot | During rainy season there is a chance of rhizome rot in ginger. To control, dig out the affected plants and drench the soil with copper oxychloride 2g per one litre of water. |
| Banana and Vegetables | Spodoptera | There is a chance of attack of spodoptera in banana and vegetables. Destroy the affected leaves along with the spodoptera. |
| Animal Husbandry | | Vaccinate animals against foot and mouth disease and haemorrhagic septicaemia. (CAADECCS, KVASU Mannuthy) |