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Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 31/2020,(62) Thursday

30.07.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 71.9 mm. The maximum temperature ranges from 30.3°C to 32.9°C, minimum temperature ranges from 22.7°C to 23.8°C. Morning relative humidity ranges from 86% to 98% and afternoon relative humidity ranges from 65% to 98%. Wind speed ranges from 1.1 to 2.5 km/h. Bright sunshine hours range from 2.1 to 10.7 hours. Evaporation ranges from 2.8 to 4.2 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Southeast Bay of Bengal and adjoining Southwest Bay of extending upto 5.8 km above mean sea level tilting southwestwards with height.

HEAVY RAINFALL WARNING:

DAY 1: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Kollam, Alappuzha, Kottayam, Ernakulam, Thrissur & Palakkad.

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Thrissur, Malappuram, Kozhikode & Kannur.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Alappuzha, Ernakulam, Idukki Thrissur, Malappuram, Kozhikode, Kanuur & Kasaragod.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 31.07.2020 | 01.08.2020 | 02.08.2020 | 03.08.2020 | 04.08.2020 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 29 | 40 | 28 | 26 | 21 |
| Maximum temperature(°C) | 26 | 30 | 30 | 30 | 30 |
| Minimum temperature (°C) | 22 | 23 | 23 | 23 | 23 |
| Maximum Relative Humidity (%) | 98 | 98 | 98 | 98 | 98 |
| Minimum Relative Humidity (%) | 79 | 79 | 79 | 79 | 79 |
| Wind speed (kmph) | 6 | 10 | 8 | 10 | 10 |
| Wind direction (deg) | 250 | 250 | 270 | 270 | 270 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 8 |

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

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|---|---|--|
| General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season. | | |
| Rice (Virippu) Tillering stage | Bacterial Leaf Blight (BLB) | As a prophylactic measure to manage Bacterial Leaf Blight during rainy season, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). |
| Banana | Panama wilt | There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with one gram of carbendazim in one litre of water. |
| Vegetables (Cowpea) | Anthraxnose disease | During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water. |
| Animal Husbandry | Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age. | |