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Block Level Experimental Agromet Advisory Bulletin

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



IRIJALAKKUDA BLOCK, THRISSUR DISTRICT

AAS 26/2019(52), Friday

28.06.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 86.5 mm. The maximum temperature ranges from 29.4°C to 32.7°C, minimum temperature ranges from 21.9°C to 25.2°C. Morning relative humidity ranges from 93 % to 98% and afternoon relative humidity ranges from 70% to 92%. Wind speed ranges from 0.6 to 1.7 km/h. Bright sunshine hours range from 0.0 to 3.9 hours. Evaporation ranges from 1.5 to 2.8 mm.

CURRENT SYNOPTIC SITUATION:

A cyclonic circulation lies over westcentral Bay of Bengal off north Andhra Pradesh – south Odisha coasts between 4.5 & 7.6 km above mean sea level tilting southwestwards with height.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 29.06.2019 | 30.06.2019 | 01.07.2019 | 02.07.2019 | 03.07.2019 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 4 | 5 | 14 | 16 | 26 |
| Maximum temperature (°C) | 33 | 33 | 33 | 33 | 33 |
| Minimum temperature (°C) | 24 | 24 | 24 | 24 | 24 |
| Maximum Relative Humidity (%) | 92 | 92 | 92 | 92 | 92 |
| Minimum Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Wind speed (kmph) | 10 | 10 | 10 | 8 | 10 |
| Wind direction (deg) | 290 | 290 | 320 | 270 | 270 |
| Total cloud cover (octa) | 5 | 5 | 6 | 7 | 8 |

Moderate rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy | Land preparation to transplanting | Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc. |
| Banana | Sigatoka disease | Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf. |
| Coconut | Bud rot | There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot. |
| Pepper | Quick wilt | There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches. |
| Animal Husbandry | Don't allow the animals to water logged areas to avoid foot lesions. (CAADECCS, KVASU, Mannuthy) | |