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**Agromet Advisory Service Bulletin**

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**ERNAKULAM DISTRICT**

**AAS 37/2018(74), Friday**

**14.09.2018**

**The Agricultural advisory of this bulletin is not applicable in flood-affected areas.**

**CURRENT SYNOPTIC SITUATION:** A Cyclonic circulation lies over North interior Tamil Nadu and neighbourhood at 1.5 km above mean sea level. Another Cyclonic circulation lies over Lakshadweep area and adjoining southeast Arabian sea off North Kerala coast between 1.5 & 2.1 km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

| Weather parameters            | 15.09.2018 | 16.09.2018 | 17.09.2018 | 18.09.2018 | 19.09.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 0          | 0          | 0          | 3          | 2          |
| Maximum temperature (°C)      | 31.3       | 31.2       | 31.1       | 30.0       | 30.0       |
| Minimum temperature (°C)      | 25         | 25         | 25.1       | 25.2       | 25.2       |
| Total cloud cover (octa)      | 6          | 6          | 6          | 7          | 7          |
| Maximum Relative Humidity (%) | 85         | 85         | 85         | 85         | 85         |
| Minimum Relative Humidity (%) | 65         | 65         | 65         | 65         | 65         |
| Wind speed (kmph)             | 1.5        | 1.5        | 1.5        | 1.5        | 1.5        |
| Wind direction (deg)          | 320        | 320        | 320        | 320        | 320        |

**Below Normal rainfall is expected in Kerala for the coming week.**

**Light rainfall is forecasted for coming five days in Ernakulam district by India Meteorological Department.**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop             | Crop stage  | Pest/ Disease         | Advisories  |
|------------------|---|-----------------------|---|
| Paddy            | Milky stage   | Bacterial Leaf blight | To control Bacterial Leaf blight in paddy, mix 200 g of cow dung in 1 litre of water and spray the supernatant liquid by mixing with 20g pseudomonas twice at 10 days interval.   |
| Banana           | Bunching stage  | Sigatoka disease      | 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.   |
| Pepper           | -   | Foot rot              | There is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper. Severly affected pepper vines should be sprayed and soil should be drenched with 1% Bordeaux mixture or 20 g <i>Pseudomonas fluorescens</i> or 2.5 g copper oxychloride or 2 g copper hydroxide in one litre of water. |
| Animal Husbandry | <ul style="list-style-type: none"> <li>Care should be taken against leptospirosis and ecto-parasites.</li> <li>External wounds need visual attention.</li> <li>Maintain cleanliness of the cattle barn and premises.</li> </ul> (CAADECCS, KVASU, Mannuthy) |                       |   |