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Agromet Advisory Service Bulletin

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



ERNAKULAM DISTRICT

AAS 36/2018(71), Tuesday

04.09.2018

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

**CURRENT SYNOPTIC SITUATION:**

A cyclonic circulation at 7.6 km above mean sea level lies over west central Bay of Bengal off south Odisha, north Andhra Pradesh coast. A north south trough extending upto 1.5 km above mean sea level runs from south interior Karnataka to Comorin area across interior Tamil Nadu.

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

| Weather parameters            | 05.09.2018 | 06.09.2018 | 07.09.2018 | 08.09.2018 | 09.09.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 1          | 1          | 1          | 1          | 1          |
| Maximum temperature (°C)      | 30         | 30         | 30         | 30         | 30         |
| Minimum temperature (°C)      | 25         | 25         | 25         | 25         | 25         |
| Total cloud cover (octa)      | 3          | 4          | 5          | 5          | 5          |
| Maximum Relative Humidity (%) | 95         | 95         | 95         | 95         | 95         |
| Minimum Relative Humidity (%) | 75         | 75         | 75         | 75         | 75         |
| Wind speed (kmph)             | 006        | 006        | 006        | 006        | 006        |
| Wind direction (deg)          | 290        | 290        | 290        | 290        | 290        |

Normal rainfall is expected in Kerala for the coming week.

Very light rainfall is expected in Ernakulam district for coming days.

**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 Litter of water and spray the cow dung slurry by mixing with 20g pseudomonas twice at 10 days interval  |
| Banana           | Bunching stage  | 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.   |
| Pepper           | -   | Foot rot              | Due to continous rain, 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 with 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 | Avoid grazing of the animals in waterlogged areas. Farmers should be aware of leptospirosis (CAADECCS, KVASU, Mannuthy) |                       |   |