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**Block Level Experimental Agromet Advisory Bulletin**

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



**OLLUKKARA BLOCK, THRISSUR DISTRICT**

**AAS 41/2018(82), Friday**

**12.10.2018**

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

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 106.8 mm. the maximum temperature ranges from 32.0°C to 34.0°C, minimum temperature ranges from 22.6°C to 25.2°C. Morning relative humidity ranges from 80% to 96% and afternoon relative humidity ranges from 63% to 81%. Wind speed ranges from 0.5 to 7.5 km/h. Bright sunshine hours range from 0.4 to 8.9 hours. Evaporation ranges from 1.8 to 3.7 mm.

**CURRENT SYNOPTIC SITUATION:** A Deep Depression lies over Odisha centred near Lat 20.6° N/Long. 84.9° E. A severe cyclonic storm (LUBAN) lies over west Central Arabian sea near Lat 14.7° N/Long. 57.4° E. A trough runs from the deep depression to Kerala across Coastal Andhra Pradesh & Tamil Nadu and extends upto 3.1km Above mean sea level.

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

| Weather parameters            | 13.10.2018 | 14.10.2018 | 15.10.2018 | 16.10.2018 | 17.10.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 4          | 5          | 6          | 0          | 11         |
| Maximum temperature (°C)      | 33.4       | 33.2       | 33.4       | 33.2       | 33.0       |
| Minimum temperature (°C)      | 24.6       | 24.2       | 24.4       | 24.6       | 24.0       |
| Total cloud cover (octa)      | 6          | 6          | 6          | 6          | 6          |
| Maximum Relative Humidity (%) | 90         | 90         | 90         | 90         | 90         |
| Minimum Relative Humidity (%) | 70         | 70         | 70         | 70         | 70         |
| Wind speed (kmph)             | 006        | 006        | 006        | 006        | 006        |
| Wind direction (deg)          | 250        | 250        | 250        | 250        | 250        |

**As per IMD forecast, light rainfall in isolated places is expected for coming days in Ollukkara Block**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop             | Crop stage   | Pest/ Disease     | Advisories  |
|------------------|--|-------------------|---|
| Paddy            | Harvesting stage   | -                 | First paddy crop is in Harvesting stage. Land preparation for second paddy crop can be started.   |
| Coconut          | -  | Rhinoceros beetle | After thorough cleaning of the crown region, apply cartap hydrochloride 4G @ 20 g mixed with fine sand 200 g to the inner most leaf axils surrounding the spindle leaf or a mixture of fipronil 0.3 G @ 20 g and fine sand @ 200 g to the inner most leaf axils. This application has to be repeated thrice a year. (January, May and September/ October) for better results. |
| Banana           | -  | Spodoptera        | Destroy the affected leaves along with the spodoptera. For severe attack spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml/10 litre of water.   |
| Animal Husbandry | <ul style="list-style-type: none"> <li>Animal should not be left to graze under hot sun from morning 10.00 AM to evening 3.00 PM.</li> <li>Concentrate feed should be sun dried regularly to avoid mould growth</li> <li>Deworm the animals and birds and vaccinate them against infectious diseases. (CAADECCS, KVASU, Mannuthy)</li> </ul> |                   |   |