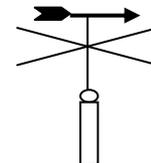




## Agromet Advisory Service bulletin 42/17 Tuesday dt 17.10.2017

(Issued jointly by IAAS Vellanikkara)



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### PALAKKAD

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 17.10.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

**CURRENT SYNOPTIC SITUATION:** An upper air cyclonic circulation lies over East central Arabian sea and neighbourhood between 1.5 and 3.1 km above sea level. A well marked low pressure area lies over Central and adjoining South- west Bay of Bengal .Associated upper air cyclonic circulation extends upto 5.8 km above sea level. An east- west shear zone runs roughly along Lat 12°N between 4.5 & 7.6 km above sea level.

**Heavy Rainfall Warning:** Heavy rainfall is most likely to occur at one or two places in Kerala till the morning of 18<sup>th</sup> October 2017.

#### DISTRICT : PALAKKAD

#### ENSEMBLE FCST

| PARAMETERS                | 18.10.2017 | 19.10.2017 | 20.10.2017 | 21.10.2017 | 22.10.2017 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)             | 20         | 10         | 2          | 0          | 2          |
| Max Temperature ( deg     | 31         | 31         | 32         | 32         | 32         |
| Min Temperature ( deg C)  | 23         | 23         | 23         | 23         | 23         |
| Total cloud cover (octa)  | 8          | 7          | 5          | 4          | 5          |
| Max Relative Humidity (%) | 90         | 90         | 90         | 90         | 90         |
| Min Relative Humidity (%) | 75         | 75         | 75         | 75         | 75         |
| Wind speed (kmph)         | 10         | 10         | 10         | 10         | 10         |
| Wind direction (deg)      | 250        | 250        | 230        | 230        | 230        |

#### Agro Meteorological Advisories:

| Crop                       | Crop stage / Pest/Disease | Advisories   |
|----------------------------|---------------------------|--|
| Paddy<br>(Jyothi, kanjana) | Leaf folder               | There is a chance of rice leaf folder in mundakan paddy (second crop) in seedling stage. Spray 2ml fame/10 litre of water.   |
| Coconut                    | Red palm weevil           | Coconut palms are seen affected by red palm weevil. Apply imidacloprid (neonicotinoid) 1 ml/10 litre at spindle leaf area.   |
| Banana                     | Erwinia Rot               | Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride per litre of water or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed. |
| Animal Husbandry           |                           | Maintain cleanliness of the cattle shed, udder of the cow and also hands of the person who milking the COW. (CAAECS, KVASU, Mannuthy)  |