

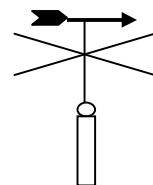


## Agromet Advisory Service bulletin 02/17, Tuesday dt 10-01-17

(Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** The low pressure area lies over Tenasserim & adjoining Andaman sea and its associated upper air cyclonic circulation extends up to 5.8 km above sea level

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 10.01.2017

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

STATE : KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>11/01 | DAY-2<br>12/01 | DAY-3<br>13/01 | DAY-4<br>14/01 | DAY-5<br>15/01 |
| DISTRICT : ERNAKULAM      |                |                |                |                |                |
| Rainfall (mm)             | 0              | 0              | 0              | 0              | 0              |
| Max Temperature ( deg C)  | 32             | 32             | 32             | 32             | 32             |
| Min Temperature ( deg C)  | 24             | 24             | 23             | 23             | 23             |
| Total cloud cover (octa)  | 3              | 3              | 4              | 4              | 4              |
| Max Relative Humidity (%) | 80             | 80             | 80             | 80             | 80             |
| Min Relative Humidity (%) | 60             | 60             | 65             | 65             | 65             |
| Wind speed (kmph)         | 008            | 008            | 008            | 008            | 008            |
| Wind direction (deg)      | 250            | 250            | 270            | 270            | 270            |

#### Agro Meteorological Advisories:

| Crop  | Stage of the crop / Pest/Disease | Advisories   |
|---|----------------------------------|--|
| Paddy<br>(Jyothi, kanjana,<br>Uma, Ponmani) | Harvesting stage                 | Second crop on harvesting stage. Based on water availability, after second crop pulses or vegetables can be cultivated so as to enrich soil fertility and reduce pest disease incidence in following season.                       |
| Coconut                                     | -                                | Life saving irrigation shall be continued with one or two irrigations per week. 50-60 L should be provided per palm if drip irrigation is been giving. Conserve soil moisture and effect irrigation by providing suitable mulches. |
| Ginger, Turmeric<br>and Pepper              | Harvesting stage                 | Harvesting can be initiated in ginger, turmeric, pepper etc. severe drying of pepper vines can be controlled by providing mulches.   |
| Vegetables<br>(Okra)                        | Powdery mildew                   | Low temperatures can cause powdery mildew symptoms which may follow leaf blighting. Wettable Karathane (dinocap)@ 2ml/L shall be sprayed   |