

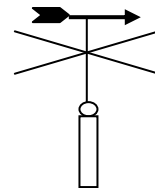


## Agromet Advisory Service bulletin 03/17, Tuesday dt 17-01-17

(Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** The upper air cyclonic circulation lies over Maldives –Lakshadweep area has become less marked. Moderate north easterlies prevail over Kerala in the lower levels.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 17.01.2017

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

STATE : KERALA

| PARAMETERS                | ENSEMBLE FCST  |                |                |                |                |
|---------------------------|----------------|----------------|----------------|----------------|----------------|
|                           | DAY-1<br>18/01 | DAY-2<br>19/01 | DAY-3<br>20/01 | DAY-4<br>21/01 | DAY-5<br>22/01 |
| DISTRICT : ERNAKULAM      |                |                |                |                |                |
| Rainfall (mm)             | 0              | 0              | 0              | 0              | 0              |
| Max Temperature ( deg C)  | 33             | 33             | 33             | 33             | 33             |
| Min Temperature ( deg C)  | 24             | 24             | 24             | 24             | 24             |
| Total cloud cover (octa)  | 3              | 3              | 3              | 3              | 3              |
| Max Relative Humidity (%) | 75             | 75             | 75             | 75             | 75             |
| Min Relative Humidity (%) | 50             | 50             | 50             | 50             | 50             |
| Wind speed (kmph)         | 008            | 008            | 008            | 008            | 008            |
| Wind direction (deg)      | 270            | 270            | 250            | 250            | 250            |

#### Agro Meteorological Advisories:

| Crop  | Stage of the crop /<br>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                                     | White fly/Sooty<br>mould            | Due to the attack of white flies, there is a chance for sooty mould in coconut. As a control measure spray starch solution (1%) on coconut leaves.  |
| Banana                                      | Mulching                            | Mulching can be done to conserve soil moisture.   |
| Vegetables                                  | Planting                            | Based on moisture availability, vegetables can be cultivated on harvested rice fields. Bhindi, and gourds can be directly sown whereas chilly, tomato, Brinjal seedlings can be planted. Ensure proper shade and moisture for seedlings. Organic fertilizers are recommended, since dry conditions are ahead. |