

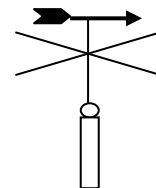


Agromet Advisory Service bulletin 01/18, Friday dt. 05-01-2018

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in



ERNAKULAM

CURRENT SYNOPTIC SITUATION: A trough of low at mean sea level lies over Maldive-Lakshadweep area .An upper air cyclonic circulation lies over South east Arabian sea off Kerala coast between 3.1 and 3.6km above mean sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 05.01.2018

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

| PARAMETERS | 06.01.2018 | 07.01.2018 | 08.01.2018 | 09.01.2018 | 10.01.2018 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 1 | 0 | 0 | 0 |
| Max Temperature (deg | 32 | 33 | 33 | 33 | 33 |
| Min Temperature (deg C) | 25 | 24 | 24 | 24 | 24 |
| Total cloud cover (octa) | 4 | 5 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 65 | 65 | 65 | 65 | 65 |
| Wind speed (kmph) | 12 | 12 | 12 | 12 | 12 |
| Wind direction (deg) | 250 | 250 | 250 | 250 | 250 |

Agro Meteorological Advisories:

| Crop | Crop stage / Pest/Disease | Advisories |
|-----------------------------|---------------------------|---|
| Paddy (Jyothi, Kanchana) | Rice bug | Apply neem based pesticides (3ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination. |
| Coconut | White fly | To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Verticillium) on lower sides of leaves. Avoid application of chemicals to save the biocontrol agents. |
| Banana | Spodoptera | Destroy the affected leafs along with the spodoptera. For severe attack spray Flubendiamide (Fame) 2 ml/10 L of water. |
| Vegetables | Downy mildew | If yellowing symptom due to downy mildew is observed in cucurbitaceous vegetables, apply Mancozeb @ 3 g per liter of water. |
| Animal Husbandry | | Vaccinate animals against foot and mouth disease. (CAADECCS, KVASU, Mannuthy) |