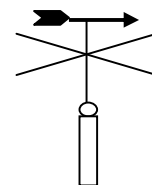




Agromet Advisory Service bulletin 50/17, Tuesday dt.12.12.2017
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over Comorin area & neighbourhood and extends upto 0.9 km above mean sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 12.12.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

| PARAMETERS | 13.12.2017 | 14.12.2017 | 15.12.2017 | 16.12.2017 | 17.12.2017 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 3 | 0 | 0 | 0 | 4 |
| Max Temperature (deg | 31 | 32 | 32 | 32 | 32 |
| Min Temperature (deg C) | 24 | 25 | 24 | 24 | 24 |
| Total cloud cover (octa) | 5 | 4 | 4 | 4 | 5 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| 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 | Bud rot | As a prophylactic measure, hung three perforated packets of Mancozeb sachet (5gm) around spindle leaves. |
| Banana | Sigatoka disease | Due to continuous rain, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack, spray 1 gm of Bavistin in 1 litre of water on lower surface of leaf (by mixing with gum) |
| Vegetables | Thrips and Mite | There is a chance for the attack of thrips and mites in vegetables. Apply 2% neem oil+garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe apply spiromecifen 8 ml/10 L of water. |
| Animal Husbandry | | If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy) |