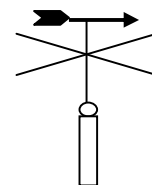




Agromet Advisory Service bulletin 05/18(9), Tuesday dt.30.01.2018
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ERNAKULAM

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 30.01.2018
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

CURRENT SYNOPTIC SITUATION : A trough of low at mean sea level lies over Equatorial Indian Ocean and adjoining SW Bay of Bengal off South Sri Lanka coast with embedded cyclonic circulation extending upto 0.9 km above sea level .A feeble trough of low at mean sea level lies over Lakshadweep area and neighbourhood.

DISTRICT : ERNAKULAM

ENSEMBLE FCST

| PARAMETERS | 31.01.2017 | 01.02.2018 | 02.02.2018 | 03.02.2018 | 04.02.2018 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg | 32 | 32 | 32 | 32 | 32 |
| Min Temperature (deg C) | 23 | 23 | 23 | 23 | 23 |
| Total cloud cover (octa) | 4 | 4 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 12 | 12 | 12 | 12 | 12 |
| Wind direction (deg) | 230 | 230 | 230 | 230 | 230 |

Agro Meteorological Advisories:

| Crop | Crop stage / Pest/Disease | Advisories |
|------------------|---|--|
| Paddy | Land preparation to transplanting | Plough the land for Punched cultivation. Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre of water per kg of seed. The above seed treatment can also be used to control sheath blight, sheath root, leaf spot disease etc. |
| Coconut | Management | Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whorls can be cut off to prevent moisture loss from plant. Coconut stem up to two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted. |
| 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. Ensure proper irrigation to withstand from high evaporation. |
| Animal Husbandry | Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy) | |