



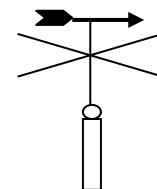
Advisory Service bulletin 23/16, Friday dt.03-06-2016

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM



CURRENT SYNOPTIC SITUATION:

An East-West shear line lies roughly along Lat 11 deg. North between 3.1 to 7.6km a.s.l.

Heavy Rainfall Warning: Heavy to very Heavy Rainfall is most likely to occur at one or two places in Kerala till the morning of 8th June.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 03.06.2016

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

STATE : KERALA

| PARAMETERS | ENSEMBLE FCST | | | | |
|---------------------------|---------------|----------------|----------------|----------------|----------------|
| | DAY-1 4/06 | DAY-2 05/06 | DAY-3 06/06 | DAY-4 07/06 | DAY-5 08/06 |
| DISTRICT : ERNAKULAM | | | | | |
| Rainfall (mm) | 34 | 25 | 40 | 30 | 55 |
| Max Temperature (deg C) | 32 | 32 | 32 | 32 | 32 |
| Min Temperature (deg C) | 24 | 24 | 24 | 24 | 24 |
| Total cloud cover (octa) | 7 | 7 | 7 | 8 | 8 |
| Max Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Min Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Wind speed (kmph) | 010 | 010 | 015 | 015 | 015 |
| Wind direction (deg) | 250 | 270 | 270 | 270 | 250 |

Agro Meteorological Advisories

| Crop | Stage of the crop / Pest/Disease | Advisories |
|-----------------------------|-------------------------------------|---|
| Paddy (Jyothi, Kanchana) | Rice swarming caterpillar | The nursery and early stages of the crops are attacked leaving the plant as mere stumps. Apply Carbaryl 3-4g per one litter of water. |
| Coconut | Leaf rot | Due to leaf rot the tender leaves of coconut decayed and dried off due to fungus, and the dried part get blown off in wind. This symptom seen in root(wilt) also. Spray bordeaux mixture in 5g per liter on the top of the plant. Proper irrigation and ploughing may help to improve the plant from the disease. |
| Ginger and Turmeric | Planting | Best time for Ginger and turmeric planting |
| Vegetables | Leaf eating Catterpillar | To control Leaf eating catterpillar, use tobacco decoction. To prepare tobacco decoction, soak 500gms of sliced tobacco leaves in 4.5 liter of water for 24 hours. Then squeeze it and remove all debris by filtering. Slice 120gms of bar soap in to thin flakes and dissolve in the water. Stir it well. Dilute the stock solution by adding 6-7 liters of water. |

