



Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

THRISSUR

Significant weather for the preceding week at Vellanikkara

| | |
|-----------------------|---------------------------|
| Rainfall weekly total | 73.9 mm |
| Maximum temperature | 31.8-36.6 ⁰ C |
| Minimum temperature | 21.0 -23.9 ⁰ C |
| Max. RH | 87-95% |
| Min. RH | 50-69% |
| Wind speed | 0.6-2.1 km/hr |
| Sun shine hour | 1.6 -8.4 hr |
| Evaporation | 2.3-3.5 mm |

CURRENT SYNOPTIC SITUATION: Yesterday's well marked low pressure area intensified into a depression and then into a deep Depression and lay centred at 0830 hours IST of 22nd May 2018 over southwest Arabian Sea near lat 9.2°N & long 57.2°E, about 520 km southeast of Socotra islands and 930 km south - south east of Salalah (Oman). It is very likely to intensify further into a cyclonic storm during next 24 hours and into a severe cyclonic storm in subsequent 24 hours. It is very likely to move northwestwards and reach south Oman - southeast Yemen coasts by 26th May 2018 morning. The cyclonic circulation over north Tamilnadu & neighbourhood at 1.5 km above mean sea level persists. A feeble cyclonic circulation lies over south interior Karnataka & neighbourhood at 1.5 km above mean sea level.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 22-05-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

| PARAMETERS | WEATHER FCST | | | | |
|------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | DAY-1 23/05/2018 | DAY-2 24/05/2018 | DAY-3 25/05/2018 | DAY-4 26/05/2018 | DAY-5 27/05/2018 |

DISTRICT : THRISSUR

| | | | | | |
|---------------------------|-----|-----|-----|-----|-----|
| Rainfall (mm) | 10 | 20 | 10 | 10 | 12 |
| Max Temperature (deg C) | 33 | 33 | 33 | 33 | 33 |
| Min Temperature (deg C) | 22 | 22 | 22 | 22 | 22 |
| Total cloud cover (octa) | 7 | 8 | 7 | 7 | 7 |
| Max Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Min Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Wind speed (kmph) | 010 | 010 | 010 | 010 | 010 |
| Wind direction (deg) | 250 | 250 | 250 | 250 | 250 |

Agro Meteorological Advisories:

| Crop | Crop stage / Pest/Disease | Advisories |
|------------------|---|--|
| Paddy | Nursery preparation for next crop | Heavy rainfall is expected. Weeds can be incorporated by ploughing and allowing the water to remain in field till next crop. After receipt of good rain plough the field and pulverize the soil. Prepare nurseries for virippu crop. Make seed beds and apply 1kg FYM for 1 sqm. For 1 acre land 25-35 Kg seeds are required. Soak seeds for 16 hours in a solution of Pseudomonas 10g/litre/1 kg seed or carbendazim 2g/kg seed/litre against fungal disease. |
| Banana | Erwinia Rot | Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease. |
| Vegetables | Planting | It is time to plant majority of vegetables. Start preparation of land just after first summer showers. |
| Animal Husbandry | Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy) | |