

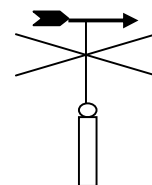


Agromet Advisory Service bulletin 03/18, Friday dt. 19-01-2018

(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 cyclonic circulation lies over North Kerala coast and neighbourhood extending upto 0.9km above mean sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 19.01.2018

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

| PARAMETERS | 20.01.2018 | 21.01.2018 | 22.01.2018 | 23.01.2018 | 24.01.2018 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg | 32 | 32 | 32 | 32 | 32 |
| Min Temperature (deg C) | 22 | 22 | 22 | 22 | 22 |
| Total cloud cover (octa) | 4 | 4 | 4 | 4 | 4 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 65 | 65 | 65 | 65 | 65 |
| Wind speed (kmph) | 10 | 10 | 10 | 10 | 10 |
| Wind direction (deg) | 230 | 230 | 230 | 230 | 230 |

Agro Meteorological Advisories:

| Crop | Crop stage / Pest/Disease | Advisories |
|---|---------------------------|--|
| Paddy (Jyothi, kanjana) | Harvesting stage | Second paddy crop (Mundakan) is in harvesting stage. Third paddy crop (Puncha) is started in certain areas. |
| Coconut | - | Life saving irrigation can be continued with one or two irrigations per week. Conserve soil moisture by providing suitable mulches. Drip irrigation can be followed to save water. |
| Banana | - | Propping can be followed to reduce the damage due to high wind speed. |
| Vegetables (Snake gourd, Bitter gourd) | Fruit fly | Remove and destroy affected and decayed fruits. Use special pheromone traps like cuelure (6 nos/acre) for vegetable fruit fly. Thulasi/fruit traps can be used. If the attack is not reduced, spray mixture of malathion 2 ml per one litre of water + jaggery 10 g at flowering and fruit initiation. |
| Animal Husbandry | | Vaccinate animals against foot and mouth disease. (CAAECCS, KVASU, Mannuthy) |