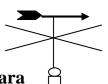


Agromet Advisory Service bulletin 49/17, Tuesday dt .05.12.2017 (Issued jointly by IAAS Vellanikkara)



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THRISSUR

Significant weather for the preceding week at Vellanikkara

| D 1 0 11 11 11 | |
|-----------------------|--------------------------|
| Rainfall weekly total | 11.5 mm |
| Maximum temperature | $30.7-34.0^{\circ}$ C |
| Minimum temperature | 21.7-24.0 ⁰ C |
| Max. RH | 71-91% |
| Min. RH | 47-77% |
| Wind speed | 2.1-10.0 km/hr |
| Sun shine hour | 0.0-8.1 hr |
| Evaporation | 2.6-4.7 mm |

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST ISSUED ON: 05.12.2017 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

CURRENT SYNOPTIC SITUATION: The severe cyclonic storm "ockhi" now lies as a Cyclonic Storm over Eastcentral Arabian Sea near Lat 18.2°N and Long 70.8°E. A well marked low pressure area lies over South east Bay of Bengal and neighbourhood. An upper air cyclonic circulation lies over South west Bay of Bengal off TamilNadu coast at 3.1 km above mean sea level.

DISTRICT: THRISSUR ENSEMBLE FCST

| PARAMETERS | 06.12.2017 | 07.12.2017 | 08.12.2017 | 09.12.2017 | 10.12.2017 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 8 |
| Max Temperature (deg | 33 | 33 | 33 | 33 | 33 |
| Min Temperature (deg C) | 22 | 22 | 22 | 22 | 22 |
| Total cloud cover (octa) | 4 | 4 | 4 | 4 | 6 |
| Max Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Min Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 10 | 10 | 10 | 10 | 10 |
| Wind direction (deg) | 90 | 90 | 90 | 90 | 90 |

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. | |
| | 200100 | Destroy the affected leafs along with the spodoptra. For severe | |
| Banana | Spodoptera | attack spray Flubendiamide (Fame) 2 ml/10 L of water. | |
| Vegetables (Snake gourd, Bitter gourd) | Fruit fly | Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (6 nos/Acre) for vegetable fruit fly or Thulasi/fruit traps. 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 | If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy) | | |