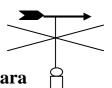


Agromet Advisory Service bulletin 52/17, Tuesday dt .26.12.2017 (Issued jointly by IAAS Vellanikkara)



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THRISSUR

Significant weather for the preceding week at Vellanikkara

| Dainfall yyaaldy total | 0.0 mm |
|------------------------|----------------|
| Rainfall weekly total | 0.0 mm |
| Maximum temperature | 31.8-32.9°C |
| Minimum temperature | 19.6-23.0° C |
| Max. RH | 64-78% |
| Min. RH | 35-45% |
| Wind speed | 5.6-11.0 km/hr |
| Sun shine hour | 8.1-10.0 hr |
| Evaporation | 4.2-6.0 mm |

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST ISSUED ON: 26.12.2017 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

CURRENT SYNOPTIC SITUATION: A low pressure area lies over South Andaman Sea and adjoining South east Bay of Bengal with associated upper air cyclonic circulation extending upto 5.8km above sea level .The cyclonic circulation over Comorin area & adjoining Sri Lanka between 2.1 & 3.1 km above sea level persists

DISTRICT: THRISSUR ENSEMBLE FCST

| PARAMETERS | 27.12.2012 | 28.12.2017 | 29.12.2017 | 30.12.2017 | 31.12.2017 |
|---------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Max Temperature (deg | 33 | 33 | 33 | 33 | 33 |
| Min Temperature (deg C) | 22 | 21 | 21 | 21 | 21 |
| Total cloud cover (octa) | 2 | 1 | 1 | 2 | 1 |
| Max Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Min Relative Humidity (%) | 50 | 50 | 50 | 50 | 50 |
| Wind speed (kmph) | 8 | 8 | 8 | 8 | 8 |
| Wind direction (deg) | 70 | 70 | 70 | 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 | White fly | To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Verticillium) on lower sides of leaves. Avoid application of chemicals to save the biocontrol agents. | |
| Banana | Pseudostem weevil | If infestation of pseudostem weevil is noticed, the leaf axils and holes on pseudo stem will be drenched with chlorpyrifos 2 ml or quinalphos 2 ml per litre of water. | |
| Vegetables (Brinjal) | Shoot and Fruit borer | Shoot and fruit borer affected parts in brinjal can be removed. If severe infestation found, neem seed extract (5%) shall be sprayed. Sucking pest attacks like curling of leaf and leaf tips, yellowing can be prevented by spraying 2% neem oil garlic emulsion. Neem based other insecticides can also be applied intermittently. | |
| Animal Husbandry | If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy) | | |