



## Agromet Advisory Service Bulletin for Thane District

(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, &amp; Regional India Meteorological Department, Mumbai)

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Significant past weather for the preceding week  
(Period –24/04/2017 to 28/04/2017)

Weather forecast until 08.30 hrs of 03/05/2017

Rainfall (mm):	
Total Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature ( <sup>0</sup> C)	
Minimum temperature ( <sup>0</sup> C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	29/04	30/04	01/05	02/05	03/05
Rainfall (mm)	0	0	0	0	0
Maximum temperature ( <sup>0</sup> C)	33	34	35	35	35
Minimum temperature ( <sup>0</sup> C)	23	23	23	23	23
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	85	92	95	82	83
Relative Humidity Min. (%)	19	22	21	17	19
Wind Speed (Km/hr)	002	002	002	002	002
Wind Direction	144	118	131	139	126

## : Agro-met Advisory:

Sky will be clear from 29<sup>th</sup> April to 3<sup>rd</sup> May, 2017. Wind velocity range from 2 kmph on 29<sup>th</sup> April to 3<sup>rd</sup> May, 2017.

Crop	Crop Stage	Agromet Advisory
<b>Sapota</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>If unripe fruit drops of sapota are observed spray combined fungicides of (Metalxyl-M 8% + Mancozeb 64%) @ 0.2% i.e. 20 g per 10 lit. of water on whole plant canopy.</li> <li>Some parts in the district the sapota fruits are mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Atul Sapota harvester.</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 % Monocrotophos or 20% Chlorpyrifos + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>
<b>Vegetable</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>There is possibility of incidence of fruit fly on cucurbitaceous crops, install 'Rakshak' fruit fly traps developed by University @ 4 traps per ha. area.</li> </ul>
<b>Watermelon Cultivation</b>	--	<ul style="list-style-type: none"> <li>Harvest the mature fruits of watermelon by observing weathered tendril near peduncle of fruits and after completion of duration of variety.</li> <li>Installation of <b>Rakshak</b> fruit fly traps developed by the University @ 4 traps per ha area is advocated to control fruit fly in cucurbitaceous crops as well as watermelon crop.</li> </ul>
<b>Goats/ Milch animals</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated.</li> </ul>
<b>Suggestion</b>	--	<ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>