



## 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 –20/01/2017 to 24/01/2017)

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)	

Weather forecast until 08.30 hrs of 29/01/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	25/01	26/01	27/01	28/01	29/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature ( <sup>0</sup> C)	31	30	30	30	31
Minimum temperature ( <sup>0</sup> C)	19	19	18	18	18
Total cloud cover (Octa)	0	0	2	4	0
Relative Humidity Max. (%)	53	51	53	40	48
Relative Humidity Min. (%)	27	26	31	29	25
Wind Speed (Km/hr)	004	004	007	007	006
Wind Direction	57	45	53	50	72

: Agro-met Advisory:

Sky will be slightly cloudy on 27<sup>th</sup> to 29<sup>th</sup> January, 2017. Wind velocity range from 4 to 7 kmph on 25<sup>th</sup> to 29<sup>th</sup> January, 2017.

Crop	Crop Stage	Agromet Advisory
<b>Sapota</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>If unmature 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> </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% Chlorphyriphos + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.</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 nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.</li> </ul>
<b>Watermelon Cultivation</b>	--	<ul style="list-style-type: none"> <li>In watermelon crop if symptoms of wilting is observed then drenching of carbandazim @ 1 gm. per lit. of water per vine.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</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> <li>Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.</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>