



Agromet Advisory Service Bulletin for Thane District

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

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**Significant past weather for the preceding week
(Period –07/05/2018 to 11/05/2018)**

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	2834.2
Maximum temperature (⁰ C)	32.6-37.0
Minimum temperature (⁰ C)	22.6-27.8
Morning RH (%)	76-82
Afternoon RH (%)	57-68
Wind Speed (km/hr):	3.3-5.0
Total cloud cover (Octa)	0

Weather forecast until 08.30 hrs of 16/05/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	12/05	13/05	14/05	15/05	16/05
Rainfall (mm)	0	0	0	0	0
Maximum temperature (⁰ C)	39	38	39	38	39
Minimum temperature (⁰ C)	27	27	26	26	26
Total cloud cover (Octa)	1	2	1	1	1
Relative Humidity Max. (%)	88	90	93	90	90
Relative Humidity Min. (%)	59	60	57	52	58
Wind Speed (Km/hr)	003	002	002	002	003
Wind Direction	164	138	135	136	171

: Agro-met Advisory:

Sky will slightly cloudy from 12th to 16th May, 2018. Wind velocity range from 2 to 3 kmph from 12th to 16th May, 2018.

Crop	Crop Stage	Agromet Advisory
Rice	--	<ul style="list-style-type: none"> Start the land preparation operation for <i>kharif</i> season.
Pulses crops	Harvesting	<ul style="list-style-type: none"> Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight. Stored dried grain in proper manner.
Sapota	Fruiting Stage	<ul style="list-style-type: none"> 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. 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. Due to increasing temperature and humidity variation, irrigate the sapota orchard as per the water availability is suggested.
Coconut, Arecanut	--	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits. To control red palm weevil affected coconut, 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 with the help of plastic funnel in the hole and close the hole with the help of cement.
Vegetable crop	Fruiting Stage	<ul style="list-style-type: none"> If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.
Goats/ Milch animals/ Poultry	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate,. Protect the animals from afternoon heat. Keep good aeration in animal shed. For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement. The temperatures during day are increasing hence protect poultry birds from heat. Cover the roof & poultry shade with straw and cover the window & the poultry shade with gunny bags and keep this gunny bags moist.
Suggestion	--	<ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.