

**Agromet Advisory Service Bulletin for Thane District**  
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**  
Head,  
Department of Agronomy  
9422431067**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001**Prof. Viresh Chavan,**  
Technical Officer,  
Department of Agronomy  
9422065344**Significant past weather for the preceding week**  
(Period –09/03/2018 to 13/03/2018)

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

**Weather forecast until 08.30 hrs of 18/03/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	14/03	15/03	16/03	17/03	18/03
Rainfall (mm)	0	0	3	3	1
Maximum temperature (°C)	34	33	33	33	34
Minimum temperature (°C)	24	23	23	23	23
Total cloud cover (Octa)	1	5	7	6	1
Relative Humidity Max. (%)	46	42	52	81	76
Relative Humidity Min. (%)	9	12	30	50	30
Wind Speed (Km/hr)	003	002	004	005	002
Wind Direction	154	270	143	84	164

**: Agro-met Advisory: 218**It is possibility rainfall of 16<sup>th</sup> to 18<sup>th</sup> March, 2018. Sky will be cloudy from 14<sup>th</sup> to 18<sup>th</sup> March, 2018. Wind velocity range from 2 to 5 kmph from 14<sup>th</sup> to 18<sup>th</sup> March, 2018.

Crop	Crop Stage	Agromet Advisory
<b>Pulses crops</b>	<b>Maturity stage</b>	<ul style="list-style-type: none"> <li>Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight. Due to forecasted rainfall on 16<sup>th</sup> to 18<sup>th</sup> March, 2018, protect dried pulse crop from rain.</li> </ul>
<b>Sapota</b>	<b>Fruiting Stage</b>	<ul style="list-style-type: none"> <li>If unmaturing 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>It is a possibility for incidence of sapota seed borer, spray deltamethrin 2.8% E.C. @ 10 ml per 10 liter of water alongwith sticker. (The insecticide are not under label claim).</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>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</li> <li>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% Chlorphyriphos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Spray 1% Bordeaux mixture before rains or apply osety AL 0.3% (30 g/10 lit. water) + Urea Suphala 111 briquettes or Fosety AL 0.3% (30 g/10 lit. water) + Annapurana 76 briquettes per arecanut palm to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.</li> </ul>
<b>Vegetable crop</b>	--	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>
<b>Goats/ Milch animals/ Poultry</b>	--	<ul style="list-style-type: none"> <li>Due to forecasted rainfall on 16<sup>th</sup> to 18<sup>th</sup> March, 2018 protect stored feed and fodder from rain.</li> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of biennial and perennial forage crops for livestock like paragrass, hybrid napier, CO-3, yashwant etc.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate,.</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</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>