



# AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& India Meteorological Department)



Ph.No. : (02358) 282387

Email : dpl.amfu@gmail.com

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Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period –02/12/2020 to 08/12/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 13/12/2020				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
02/12	03/12	04/12	05/12	06/12	07/12	08/12		09/12	10/12	11/12	12/12	13/12
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
33.0	33.2	33.2	-	-	-	-	Max.Temp. (°C)	33	34	34	34	33
25.0	23.2	24.0	-	-	-	-	Min.Temp. (°C)	21	22	22	23	22
0	0	0	-	-	-	-	Cloud cover (Octa)	4	7	6	6	5
78	85	89	-	-	-	-	Max. RH (%)	46	44	55	70	74
69	66	57	-	-	-	-	Min. RH (%)	25	29	32	42	55
0.0	0.0	0.0	-	-	-	-	Wind speed(Km/hr)	8	6	3	5	5
Calm	Calm	Calm	-	-	-	-	Wind direction	E	ENE	E	SE	E

### Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of decrease in maximum and minimum temperature from 9 <sup>th</sup> to 13 <sup>th</sup> December, 2020 and sky remain cloudy.
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### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>Mango</b>	Vegetative flush	<ul style="list-style-type: none"> <li>Due to forecast of cloudy weather, there is possibility of incidence of hoppers, midge fly and anthracnose disease on vegetative flush of mango. if protective spray has not taken at vegetative flush, then undertake precautionary spray of deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.</li> </ul>
<b>Sapota</b>	Fruiting	<ul style="list-style-type: none"> <li>There is possibility of incidence of seed borer in sapota, for management of seed borer, collect and destroy all infected fruits and dried leaves. Follow central opening operation. If incidence is noticed, spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8%EC @ 10 ml insecticide per 10 liter of water. Install blue light trap in orchard for monitoring insect.</li> <li>Provide irrigation to sapota orchard at an 6-8 days interval.</li> </ul>
<b>Brinjal</b>	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of mites on brinjal, if incidence is noticed, spray Dicofol 18.5%EC @1.5 ml per liter of water or dust the Sulphur powder (300 mesh) on the lower side of the leaves.</li> <li>Provide irrigation to brinjal crop at 6-8 days interval.</li> </ul>
<b>Chilli</b>	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of leaf curl disease in chilli which is transmitted by thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management spray 10% cow urine and Azadirachtin 10000 PPM @ 3 ml per liter of water, alternatively at 7 days interval. Install blue sticky trap in field.</li> <li>Provide irrigation to chilli crop at 6-8 days interval.</li> </ul>

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.

