



**Agromet Advisory Service Bulletin for Thane District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387



No. 01/2020

Date: 03/01/2020

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 –28/12/2019 to 03/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 07/01/2020				
28/12	29/12	30/12	31/12	01/01	02/01	03/01		04/01	05/01	06/01	07/01	08/01
0	0	0	0	0	0	-	Rainfall (mm)	0	0	0	0	0
34.3	34	31	30.8	31.6	30.4	-	Maximum temperature (°C)	27	29	30	29	28
21.6	22.8	21	18.1	15.4	18.2	-	Minimum temperature (°C)	16	18	18	17	17
-	-	-	-	-	-	-	Cloud cover (Octa)	0	0	0	1	0
89	83	91	100	100	100	-	Relative Humidity Max. (%)	70	57	57	62	73
74	79	70	55	65	75	-	Relative Humidity Min. (%)	37	32	33	38	39
5	2	2	3	2	2	-	Wind speed (Km/hr)	8	10	10	5	5
NNE	NNE	ENE	NE	NE	NE	-	Wind direction	E	ENE	E	ENE	SSW

**Agro-met Advisory**

**There is possibility of decrease in maximum and minimum temperature and sky will be clear 4<sup>th</sup> to 8<sup>th</sup> January, 2020.**

Crop	Stage	Agro Advise
Rice	Nursery	<ul style="list-style-type: none"> <li>Provide irrigation to rice nursery regularly.</li> </ul>
Lablab bean	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of Leaf eating caterpillar on lablab bean, if incidence is noticed spray Cypermethrin 25%EC @ 10 ml per 10 liter of water.</li> </ul>
Mango	Vegetative and flower bud initiation	<ul style="list-style-type: none"> <li>Due to forecast for decrease in temperature leads favourable weather for flower induction in mango. To protect the inflorescence from from hoppers and powdery mildew diseases, as per mango blossom protection schedule spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml per 10 liter in water at the time of flower bud initiation.</li> <li>Also, for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.</li> </ul>
Coconut	--	<ul style="list-style-type: none"> <li>There is possibility of incidence of spiraling white fly on coconut, if incidence is noticed spray 50 ml Neem oil / karanj oil per 10 liters of water. For the protection from black fungus Spray 20 grams starch per 10 liter of water.</li> </ul>
Okra	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of flea beetle on okra, if incidence is noticed spray Dimethoate 30%EC @ 10 ml per 10 liter of water.</li> </ul>
Chilli	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of sucking pest in chilli, If incidence is noticed spray Dimethoate 30%EC @ 10 ml per 10 liter of water also place yellow sticky cards in field.</li> </ul>
Aster	Vegetative	<ul style="list-style-type: none"> <li>Provide Irrigation to aster crop at an interval of 8 -10 days according to soil moisture conditions.</li> </ul>
Marigold	Vegetative	<ul style="list-style-type: none"> <li>Provide irrigation to marigold flower crop at 8-10 days interval.</li> </ul>
Milch Animals/ Goat	--	<ul style="list-style-type: none"> <li>Protect the farm animals from low temperature by providing curtains and electric bulbs as per the need.</li> </ul>
Poultry	--	<ul style="list-style-type: none"> <li>Protect the poultry birds from low temperature by providing curtains and electric bulbs as per the need.</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.**