



# AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

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



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Duration – 5 days

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Significant past weather for the preceding week (Period –12/02/2021 to 18/02/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 23/02/2021				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
12/02	13/02	14/02	15/02	16/02	17/02	18/02		19/02	20/02	21/02	22/02	23/02
0.0	-	-	-	-	-	-	Rainfall (mm)	6	0	0	0	0
33.6	-	-	-	-	-	-	Max.Temp. (°C)	33	33	34	35	36
21.0	-	-	-	-	-	-	Min.Temp. (°C)	21	22	23	22	24
0	-	-	-	-	-	-	Cloud cover (Octa)	3	3	2	1	1
59	-	-	-	-	-	-	Max. RH (%)	59	53	43	39	38
46	-	-	-	-	-	-	Min. RH (%)	28	34	27	22	23
0.0	-	-	-	-	-	-	Wind speed(Km/hr)	11	8	9	6	5
Calm	-	-	-	-	-	-	Wind direction	E	E	ENE	ENE	ENE

### Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of very light to light rainfall at isolated places from 18 <sup>th</sup> to 19 <sup>th</sup> February, 2021 and sky remain partly cloudy with possibility for increase in wind speed over Thane district.
<b>Warning</b>	Thunderstorm along with lightening and rainfall likely to occur on 18 <sup>th</sup> February, 2021 at isolated places over Thane district.

### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>General advice</b>	--	<ul style="list-style-type: none"> <li>As there forecast for thunderstorm along with lighting at isolated places over district on 18<sup>th</sup> February, 2021, keep farm animals at safe place and away from open water, pond or river.</li> </ul>
<b>SMS</b>	--	<ul style="list-style-type: none"> <li>There is forecast of light rainfall at isolated places from 18<sup>th</sup> to 19<sup>th</sup> February, 2021, harvest and stored the produce at protective and safe place.</li> </ul>
<b>Mango</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>There is forecast for cloudy weather with light rainfall at isolated places from 18<sup>th</sup> to 19<sup>th</sup> February, 2021, there is possibility of incidence of anthracnose disease on fruits of mango, if rainfall received then undertake the protective spraying for anthracnose disease, spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water after 19<sup>th</sup> February, 2021.</li> <li>To protect the mango fruits from raindrop, cover the fruits with newspaper bag of size 25 X 20 cm.</li> <li>To protect the pea size fruits of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3<sup>rd</sup> spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.</li> <li>As per blossom protection schedule, take a 5<sup>th</sup> spray (15 days after 4<sup>th</sup> spray) of Dimethoate 30%EC@ 10 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter of water. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.</li> <li>for control premature fruit drop add 2% urea @20 gms per liter of water in to the insecticide solution from 3<sup>rd</sup> to 6<sup>th</sup> spray schedule.</li> <li>The recommended dose of insecticides is applicable for manually operating sprayer.</li> </ul>

<b>Cashewnut</b>	Fruiting	<ul style="list-style-type: none"> <li>• Due to forecast for cloudy weather and light rain, There is possibility of incidence of <b>tea mosquito bugs and thrips</b> on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml or Acetamiprid 20%SP @ 5 gms per 10 liter of water during clear weather. (insecticide is not under label claim).</li> </ul>
<b>Lablab bean</b>	Pod development	<ul style="list-style-type: none"> <li>• Due to forecast for cloudy weather, there is possibility of incidence of aphids on lablab crop grown on residual moisture which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml per 10 liter of water during clear weather (no rainfall).</li> </ul>
<b>Cucurbitaceous crops/Water melon</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• Due to forecast of cloudy weather with rain, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water during clear weather (no rainfall) at an interval of 10 to 15 days.</li> <li>• Due to forecast of cloudy weather with rain, there is possibility for incidence of fruit fly in watermelon, cucurbitaceous crop. For effective control of fruit fly, install cue lure ‘Rakshak’ trap @ 2 nos. per acre at the time of initiation of flowering.</li> </ul>
<b>Brinjal, Chilli, Tomato</b>	Vegetative	<ul style="list-style-type: none"> <li>• Due to forecast of cloudy weather and light rain, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and spray Mancozeb 75% WP or Zineb @ 2.5 gms per lit of water at an interval of 10 to 15 days during clear weather.</li> <li>• Due to forecast for light rain with cloudy weather condition, there is possibility of incidence of hoppers, white flies and aphids in brinjal chilli, tomato crop. For management of sucking pest, use yellow sticky cards in field. If incidence is noticed, spray dimethoate 30%EC @15 ml per 10 liter of water during clear weather.</li> </ul>
<b>Okra</b>	Vegetative	<ul style="list-style-type: none"> <li>• There is possibility of incidence of aphids, hoppers on okra crop If incidence is noticed, spray Dimethoate 30%EC@15 ml per 10 liter of water during clear weather. For management of sucking pest, place yellow sticky paper into field.</li> </ul>
<p>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.</p>		