



# AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

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



Ph.No. : (02358) 282387

Email : dpl.amfu@gmail.com

No. 16/2021

Date: 23/02/2021

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 –17/02/2021 to 23/02/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 28/02/2021				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
17/02	18/02	19/02	20/02	21/02	22/02	23/02		24/02	25/02	26/02	27/02	28/02
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
31.0	32.0	32.6	33.0	33.2	-	-	Max.Temp. (°C)	38	39	38	35	35
20.8	21.0	20.2	20.0	20.0	21.2	-	Min.Temp. (°C)	24	24	24	23	24
0	0	0	0	4	2	-	Cloud cover (Octa)	1	0	0	0	0
83	62	62	63	67	71	-	Max. RH (%)	43	42	51	56	53
59	57	53	48	39	-	-	Min. RH (%)	24	20	24	27	22
0.0	0.0	0.0	0.0	0.0	0.0	-	Wind speed(Km/hr)	6	4	5	6	5
Calm	Calm	Calm	Calm	Calm	Calm	-	Wind direction	ENE	SE	S	E	E

### Weather summary/alert

<b>Weather forecast</b>	<b>As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of dry weather with rise in maximum and minimum temperature from 24<sup>th</sup> to 26<sup>th</sup> February, 2021 and thereafter gradual fall by 1 – 2 °C and sky remains clear over Thane district.</b>
-------------------------	--

### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>Mango</b>	Fruiting	<ul style="list-style-type: none"> <li>There is forecast for decrease in humidity during next five days, hence to minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting at 15 days interval for 3 to 4 times.</li> <li>For increasing the production and quality improvement of mango fruits, spray 1 % Potassium nitrate at pea, marble and arecanut size of mango fruits.</li> <li>Spraying of 55% cow urine at pea size fruits of mango 3 to 6 sprays at weekly interval as per availability is suggested for increasing yield of mango.</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 3rd 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>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>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. (insecticide is not under label claim).</li> <li>There is possibility for incidence of cashew apple and nut borer, if incidence is noticed spray Profenophos 50%EC @ 15 ml per 10 liter of water.</li> </ul>
<b>Coconut</b>	Fruiting	<ul style="list-style-type: none"> <li>Provide irrigation to first four years old coconut orchard at 5 to 6 days interval and for above four years old orchard provide irrigation at 7 to 8 days interval.</li> </ul>

<b>Sapota</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• Due forecast for decrease in humidity during next five days, provide irrigation to sapota orchard at 5-6 days interval.</li> </ul>
<b>Cucurbitaceous crops/Water melon</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• 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> <li>• Provide irrigation to cucurbitaceous crops at 5-6 days interval.</li> </ul>
<b>Brinjal</b>	Vegetative	<ul style="list-style-type: none"> <li>• Apply 2<sup>nd</sup> split dose of nitrogen fertilizer @ 4 g urea per plant at one months after planting.</li> <li>• Provide irrigation to brinjal crop at 5-6 days interval.</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> <li>• Provide irrigation to okra crop at 5-6 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.