



# 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 –30/01/2021 to 05/02/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 10/02/2021				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
30/01	31/01	01/02	02/02	03/02	04/02	05/02		06/02	07/02	08/02	09/02	10/02
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
31.8	33.2	33.0	34.0	34.0	-	-	Max.Temp. (°C)	31	30	31	32	33
18.8	19.0	19.8	20.0	20.2	20.6	-	Min.Temp. (°C)	18	17	18	18	19
0	0	0	0	0	0	-	Cloud cover (Octa)	0	0	0	0	0
59	72	65	65	55	73	-	Max. RH (%)	54	54	53	60	60
58	45	65	50	48	-	-	Min. RH (%)	38	35	34	40	41
0.0	0.0	0.0	0.0	0.0	0.0	-	Wind speed(Km/hr)	9	11	9	6	6
Calm	Calm	Calm	Calm	Calm	Calm	-	Wind direction	NE	ENE	E	ENE	ENE

### Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of gradually increase in maximum and minimum temperature from 8 <sup>th</sup> to 10 <sup>th</sup> February, 2021 and sky remain clear over Thane district.
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### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>Mango</b>	Flowering	<ul style="list-style-type: none"> <li>• There is possibility incidence of hoppers, midge fly and powdery mildew disease on mango inflorescence. For management of pest and disease, spray of Imidacloprid 17.8% SL @ 6 ml per 10 liter of water before the flower opening to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease during clear weather. Note: avoid spraying during flowering to fruit setting period for effective pollination. If it is not possible to postpone the spraying till fruit set due to heavy incidence of insect and pest, then avoid spraying during morning hours (9.00 am to 12.00 pm) which is active period of pollinators for pollination.</li> <li>• .</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 tea mosquito bugs and thrips 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> <li>• For increasing yield and size of cashewnut, spray entire tree with 25% cow urine @ 5 lit per tree and drench the solution of 25% cow urine @ 10 liter per tree at a monthly interval from vegetative flush stage for 4 times.</li> </ul>
<b>Coconut</b>	Fruiting	<ul style="list-style-type: none"> <li>• Apply 3<sup>rd</sup> split dose of fertilizers of 750 gm urea and 667 gm muriate of potash in circular basin to above five-year-old coconut palm. Apply 1/5<sup>th</sup>, 2/5<sup>th</sup>, 3/5<sup>th</sup> and 4/5<sup>th</sup> of above-mentioned fertilizer dose per tree for 1,2,3 and 4-year-old coconut plantation, respectively.</li> <li>• Apply 10 kg neem cake and micro nutrients (zinc, boron, molybdenum and copper) 200 gms per plant at the time of 2<sup>nd</sup> to 3<sup>rd</sup> split dose of fertilizer.</li> </ul>
<b>Lablab bean</b>	Flowering to	<ul style="list-style-type: none"> <li>• Provide irrigation to lablab bean crop where crop is in flowering to pod</li> </ul>

	pod development	filling stage. <ul style="list-style-type: none"> <li>• 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.</li> </ul>
<b>Chilli</b>	Vegetative to fruiting	<ul style="list-style-type: none"> <li>• There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management of sucking pest, spray cow urine 10% and Azadirachtin 10000 PPM @3 ml per liter of water alternatively, seven days after transplanting at 10-15 days interval. Install blue sticky paper trap into field.</li> </ul>
<b>Brinjal</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• There is possibility of incidence of shoot and fruit borer on Brinjal, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Fenvalerate @10 ml or Deltamethrin 2.8%EC @ 10 ml per 10 liter of water.</li> </ul>
<b>Okra</b>	Vegetative	<ul style="list-style-type: none"> <li>• For management of sucking pest in summer okra, install the yellow sticky trap in field.</li> </ul>
<b>Cucurbitaceous crops</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• There is possibility of incidence of leaf miner in cucurbitaceous crop, if incidence is noticed, spray 4% NSKE or Azadirachtin 10000 PPM @20 ml or Profenophos 50%EC @ 15 ml or Lambda cyhalothrin 5%EC @6 ml per 10 liters of water.</li> </ul>
<b>Jasmine</b>	Flowering	<ul style="list-style-type: none"> <li>• There is possibility of incidence of bud worm, mites and blossom midge on jasmine. If incidence is notices, collect and destroy all infected leaves and flower bud and spray 5% neem seed kernel extract on the plant.</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>		