



**Agromet Advisory Service Bulletin for Thane District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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Duration – 5 days

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Significant past weather for the preceding week (Period –19/09/2020 to 25/09/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 30/09/2020				
19/09	20/09	21/09	22/09	23/09	24/09	25/09		26/09	27/09	28/09	29/09	30/09
0.0	0.0	3.6	18.4	119.8	-	-	Rainfall (mm)	38	4	3	3	9
30.0	30.8	-	32.6	32.8	-	-	Maximum temperature (°C)	32	33	33	33	33
24.2	25.0	25.0	25.0	25.0	-	-	Minimum temperature (°C)	25	25	26	26	26
5	4	3	6	7	-	-	Cloud cover (Octa)	8	6	5	5	7
92	89	92	92	100	-	-	Relative Humidity Max. (%)	92	91	90	90	90
86	86	-	-	95	-	-	Relative Humidity Min. (%)	80	71	68	65	67
0.0	0.0	0.0	0.0	0.0	-	-	Wind speed (Km/hr)	7	5	4	3	4
Calm	Calm	Calm	Calm	Calm	-	-	Wind direction	SW	S	SSE	SE	SSW

**Weather summary**

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate rainfall on 26 <sup>th</sup> September, 2020 and light rainfall from 27 <sup>th</sup> to 30 <sup>th</sup> September, 2020 at few places over Thane district.
<b>Warning</b>	No warning for heavy rainfall in Thane district.
<b>ERFS</b>	As per ERFS products below normal rainfall may occur in Konkan division during 2 <sup>nd</sup> to 8 <sup>th</sup> October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
<b>Kharif rice</b>	<b>Panicle initiation to flowering (late varieties), flowering to grain filling (midlate varieties) and grain filling to maturity (early varieties)</b>	<ul style="list-style-type: none"> <li>Maintain the optimum water level of 5-10 cm in late and midlate rice varieties field.</li> <li>Early rice varieties are in maturity stage, make arrangement to drain out water from field 8 -10 days before harvesting.</li> <li>Apply 3<sup>rd</sup> split dose of nitrogen @ 28 kg urea per acre to the late varieties of rice which is in flowering during clear weather (no rainfall).</li> <li>Due to forecast of humid weather condition, there is possibility of incidence of rice earhead bug where midlate rice varieties are in milking stage. If incidence of rice earhead bug is observed above threshold level (1 adult /hill), spray Lambda cyhalothrin 5%EC @ 5 ml or Deltamethrin 2.8%EC @ 9 ml per 10 liter of water during clear weather (no rainfall) or dust Chlorpyrifos 1.5% DP powder @ 8 kg per acre during evening hours or in early morning when wind blows calm. (Note: insecticide is not under label claim).</li> <li>Due to forecast of humid weather condition, there is possibility of incidence of bacterial leaf blight disease on late rice varieties. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim).</li> </ul>
<b>Sapota</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Due heavy rainfall situation in past 4-5 days leading to fruit drop in sapota orchard. For control of pest and diseased incidence, collect and destroy all fallen and infested fruits from sapota orchard.</li> </ul>
<b>Vegetable crops</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>For raising brinjal, chilli, tomato and other vegetable crop nursery for rabi season, cultivate the land at field capacity condition and mix well decomposed FYM @500 gms per guntha in to soil at the time of bed preparation. Prepare raised bed of 3 m length x 1 m breadth x 15 cm height. At the time of sowing apply 35 gm urea, 100 gm single super phosphate and 25 gm muriate of potash per sq. m. Before sowing, treat the seed with thiram fungicide @ 3 gm/kg of seed or Trichoderma @ 5 gm/kg for protection from seed borne diseases. For seed treatment of Trichoderma use water to prepare paste to adhere like seed coat.</li> </ul>

Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.

**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.**