



**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 –11/07/2020 to 17/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 22/07/2020				
11/07	12/07	13/07	14/07	15/07	16/07	17/07		18/07	19/07	20/07	21/07	22/07
14.0	26.0	28.0	19.0	35.2	-	-	Rainfall (mm)	20	25	29	15	10
32.8	33.0	33.2	33.2	33.0	-	-	Maximum temperature (°C)	34	33	32	32	33
24.2	23.2	23.2	24.2	24.0	-	-	Minimum temperature (°C)	25	26	26	26	26
4	5	5	4	4	-	-	Cloud cover (Octa)	5	5	8	8	8
86	88	86	90	84	-	-	Relative Humidity Max. (%)	91	91	90	90	90
86	73	78	86	82	-	-	Relative Humidity Min. (%)	76	75	73	74	68
0.0	0.0	0.0	0.0	0.0	-	-	Wind speed (Km/hr)	12	11	12	11	7
Calm	Calm	Calm	Calm	Calm	-	-	Wind direction	SSW	SSW	SW	SSW	SSW

**Weather summary/Alert**

**There is possibility of light to moderate rainfall at most places from 17<sup>th</sup> to 20<sup>th</sup> July, 2020 and at many places on 21<sup>st</sup> July, 2020 over Thane district.**

**As per ERFs products below normal rainfall may occur in Konkan division during 22<sup>nd</sup> to 28<sup>th</sup> July 2020.**

Crop	Stage	Agromet Advisory based on weather forecast
<b>Kharif rice</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>• Due to forecast of light to moderate rainfall, it is advise to complete the transplanting of the rice by arranging water from nearby available external water source.</li> <li>• Due to forecast for light to moderate rainfall, in already transplanted rice field maintain optimum water level of 2.5 to 5 cm upto 30 days after transplanting by repairing bunds in rice field. Keep bunds in rice field weed free.</li> </ul>
<b>Finger millet</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>• Due to forecast of light to moderate rainfall, complete the transplanting of the finger millet.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• Apply paclobutrazol (cultar/coltar) for regular flowering to the mango trees having age of 10 years and above. Before application 1<sup>st</sup> measure east-west and north-south diameter of the tree canopy and average it. Then calculate dose @ 3 ml per meter diameter of tree canopy. Mix this quantity of paclobutrozol in 3 to 5 lits. of water. Apply this solution uniformly in 25 to 30 holes at uniform distance with 10 to 12 cm depth in circular fashion at half distance of tree cover (just inside the manuring ring) from the base of tree. For making hole crowbar can be used. Ensure the drenching of uniform quantity in each hole and closed or plug hole after application. Before application of paclobutrazol make area weed free. Perform this application when intensity of rainfall is low.</li> </ul>
<b>Cucurbitaceous crop</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• If the incidence of red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 50% EC @ 20 ml or Dimethoate 30%EC @ 15 ml per 10 liters of water at 10 to 15 days interval when intensity of rainfall is low. <u>Note:</u> mix stickers in insecticide solution before spraying.</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.