



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 –25/07/2020 to 31/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 05/08/2020				
25/07	26/07	27/07	28/07	29/07	30/07	31/07		01/08	02/08	03/08	04/08	05/08
10.8	5.0	20.0	57.0	15.0	-	-	Rainfall (mm)	14	10	43	68	84
32.0	32.8	33.6	32.0	32.8	-	-	Maximum temperature (°C)	33	33	33	32	33
24.2	25.2	25.0	24.0	25.0	-	-	Minimum temperature (°C)	25	24	25	25	26
6	6	7	6	4	-	-	Cloud cover (Octa)	8	8	8	8	8
86	92	100	92	90	-	-	Relative Humidity Max. (%)	90	90	91	92	93
86	85	100	89	86	-	-	Relative Humidity Min. (%)	69	71	70	82	88
1.9	3.7	0.0	1.9	0.0	-	-	Wind speed (Km/hr)	6	8	12	16	12
SE	SW	Calm	W	Calm	-	-	Wind direction	SSW	S	WSW	SW	SW

Weather summary/Alert

As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light to moderate rainfall at most places from 1st to 5th August, 2020 over Thane district.

Warning: Heavy rainfall likely to occur at isolated places on 2nd August, 2020 and heavy to very heavy rainfall likely to occur at few places from 3rd to 4th August, 2020 in Thane district.

As per ERFs products above normal rainfall may occur in Konkan division during 5th to 11th August, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Growth stage	<ul style="list-style-type: none"> Due to forecast of moderate rainfall, maintain optimum water level of 2.5 to 5 cm in rice field. Keep bunds in rice field weed free to remove the alternate host plant of pest. Due to intermittent rainfall and cloudy weather, there is possibility of incidence of leaf folder in transplanted rice crop, hence observe crop regularly for infestation of pest. If incidence is noticed, apply Cartap hydrochloride 4% granule @7.5 kg or Chlorantraniliprole 0.4% granule @ 4 kg or Fipronil 0.3% granule @8.3 kg per acre in moist soil. In low line field drain out water before application of granules.
Finger millet	Growth stage	<ul style="list-style-type: none"> Follow weeding in finger millet crop at two weeks after transplanting.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultar/coltar) for regular flowering to the mango trees having age of 10 years and above. Before application 1st 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 paclobutrazol 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.

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.