



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, Dr. B.S. Konkani 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 –15/07/2020 to 21/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 26/07/2020				
15/07	16/07	17/07	18/07	19/07	20/07	21/07		22/07	23/07	24/07	25/07	26/07
35.2	59.0	47.0	13.0	22.0	-	-	Rainfall (mm)	10	12	14	10	4
33.0	33.4	34.0	32.0	32.6	-	-	Maximum temperature (°C)	33	34	35	35	36
24.0	24.6	25.0	-	24.2	-	-	Minimum temperature (°C)	26	26	26	26	26
4	4	6	6	6	-	-	Cloud cover (Octa)	8	8	8	8	8
84	86	94	-	90	-	-	Relative Humidity Max. (%)	90	90	90	91	90
82	16	78	87	83	-	-	Relative Humidity Min. (%)	70	65	71	79	72
0.0	0.0	0.0	0.0	1.9	-	-	Wind speed (Km/hr)	6	7	6	6	5
Calm	Calm	Calm	Calm	W	-	-	Wind direction	S	W	S	SSW	SSW

Weather summary/Alert

As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light rainfall at many places from 22nd to 26th July, 2020 over Thane district. Also sky remains cloudy.

Warning: No rainfall warning for Thane district from 22nd to 26th July, 2020

As per ERFs products below normal rainfall may occur in Konkani division during 26th July to 1st August, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Transplanting	<ul style="list-style-type: none"> Due to forecast of light rainfall, it is advise to complete the transplanting of the rice by arranging water from nearby available external water source. Due to forecast of light rainfall may lead to stress condition in transplanted rice, maintain optimum water level of 2.5 to 5 cm in rice field by arranging water from nearby available external water source. Keep bunds in rice field weed free to remove the alternate host plant of pest.
Finger millet	Transplanting	<ul style="list-style-type: none"> Due to forecast of light rainfall, complete the transplanting of the finger millet.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultural/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 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.
Cucurbitaceous crop	Vegetative	<ul style="list-style-type: none"> Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of powdery mildew disease on cucumber, snake gourd, bitter gourd, ridge gourd, bottle gourd, pumpkin cucurbitaceous vegetable crops, if incidence is noticed spray Carbendazim @ 5 gm or Zineb @ 20 gms per 10 liters of water.

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 Konkani Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.