



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 –16/09/2020 to 22/09/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 27/09/2020				
16/09	17/09	18/09	19/09	20/09	21/09	22/09		23/09	24/09	25/09	26/09	27/09
0.0	-	4.4	0.0	0.0	-	-	Rainfall (mm)	77	100	27	20	3
30.6	-	-	30.0	30.8	-	-	Maximum temperature (°C)	31	31	32	33	33
25.0	-	24.0	24.2	25.0	-	-	Minimum temperature (°C)	24	24	25	25	25
3	-	6	5	4	-	-	Cloud cover (Octa)	8	8	8	8	6
87	-	90	92	89	-	-	Relative Humidity Max. (%)	94	96	95	92	92
85	-	-	86	86	-	-	Relative Humidity Min. (%)	77	85	83	80	72
0.0	-	1.9	0.0	0.0	-	-	Wind speed (Km/hr)	8	8	7	8	7
Calm	-	W	Calm	Calm	-	-	Wind direction	SSW	S	S	S	S

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate to heavy rainfall from 23 rd to 27 th September, 2020 at most of places over Thane district.
Warning	Thunderstorm accompanied with lightening and heavy to very heavy rainfall at isolated places likely to occur on 22 nd September, 2020 and Heavy rainfall likely to occur at isolated places on 23 rd September, 2020 in Thane district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 25 th September to 1 st October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Panicle initiation to flowering (late varieties), flowering to grain filling (midlate varieties) and grain filling to maturity (early varieties)	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall on 23rd and 24th September, 2020, make arrangement for drain out excess water from rice field and then after 24th September, 2020 maintain the optimum water level of 5-10 cm in late and midlate rice varieties field. • Early rice varieties are in maturity stage, make arrangement to drain out water from field 8 -10 days before harvesting. • Due to forecast of heavy rainfall on 23rd and 24th September 2020, postponed the 3rd split dose of nitrogen @ 17 kg urea per acre to the late and midlate varieties of rice which is in flowering stage and apply thereafter during clear weather (no rainfall). • Due to forecast of intermittent rainfall from 25th September, 2020 and 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), dust Chlorpyrifos 1.5% DP powder @ 8 kg per acre during evening hours or in early morning when wind blows calm or spray Lambda cyhalothrin 5%EC @ 5 ml or Deltamethrin 2.8%EC @ 9 ml per 10 liter of water during clear weather (no rainfall). (Note: insecticide is not under label claim). • Due to forecast of intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease in late and midlate rice varieties. If incidence is noticed spray tricyclazole 75%WP @ 10 gm per 10 liter of water after 24th September, 2020 during clear weather (no rainfall).
Coconut	Fruiting	• Due to forecast of heavy rainfall on 23 rd and 24 th September 2020, make arrangement for drain out excess water from coconut orchard.
Sapota	Fruiting	• Due to forecast of heavy rainfall on 23 rd and 24 th September 2020, make arrangement for drain out excess water from sapota orchard.
Vegetables crop nursery	Nursery	• Due to forecast of heavy rainfall on 23 rd and 24 th September 2020, make arrangement for drain out excess water from vegetable crop nurseries.

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.