



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 –23/09/2020 to 29/09/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 04/10/2020				
23/09	24/09	25/09	26/09	27/09	28/09	29/09		30/09	01/10	02/10	03/10	04/10
119.8	134.8	3.0	4.0	0.0	-	-	Rainfall (mm)	4	2	0	8	8
32.8	31.0	32.0	32.6	34.2	-	-	Maximum temperature (°C)	33	32	31	32	32
25.0	24.0	24.2	-	24.0	-	-	Minimum temperature (°C)	25	25	24	25	25
7	5	4	4	3	-	-	Cloud cover (Octa)	3	5	5	1	1
100	100	94	-	89	-	-	Relative Humidity Max. (%)	90	92	88	84	88
95	89	80	82	74	-	-	Relative Humidity Min. (%)	62	66	66	63	65
0.0	0.0	0.0	0.0	0.0	-	-	Wind speed (Km/hr)	3	3	4	5	5
Calm	Calm	Calm	Calm	Calm	-	-	Wind direction	SSE	S	S	S	S

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of very light to light rainfall from 30 th September to 4 th October, 2020 at isolated places over Thane district.
Warning	No warning for heavy rainfall in Thane district.
ERFS	As per ERFS products below normal rainfall may occur in Konkani division during 2 nd to 8 th October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Flowering (late varieties), grain filling (midlate varieties) and maturity (early varieties)	<ul style="list-style-type: none"> • During next five days there is forecast for very light rainfall, maintain the optimum water level of 5-10 cm in late and water of 5 cm in midlate rice varieties field. Early rice varieties are in maturity stage, make arrangement to drain out water from early rice field 8 -10 days before harvesting. • Harvest the matured early rice varieties during morning hours, stored threshed grains in protective shed after immediate threshing. Dry threshed grains in protective shed. Delayed harvesting may cause shedding of grains and also increased percentage of broken rice during hulling. • Apply 3rd split dose of nitrogen @ 28 kg urea per acre to the late varieties of rice which is in flowering. • Due to forecast of very light rainfall and increase in temperature, there is possibility of incidence of army worm in early rice varieties, hence immediate harvest the matured early rice varieties. • Due to forecast of humid weather condition during morning hours, there is possibility of incidence of rice earhead bug where late and 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) 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). • Due to forecast of humid weather condition during morning hours, 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).
Mango	Vegetative	<ul style="list-style-type: none"> • Due to forecast of very light rainfall and increase in temperature which favours congenial condition for vegetative flush in mango, for protection of vegetative flush of mango from hoppers and midge fly incidence, spray Deltamethrin 2.8%EC @ 9 ml per 10 liter of water. • Before insecticide application, clean orchard by removing weeds, diseased infected branches.
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of very light rainfall and increase in temperature, provide irrigation to newly planted and old established coconut orchard. Also apply coconut husk as mulch at the base of palm. • Provide shed to newly planted coconut orchard (upto 2 years old) as to protect leaf from sunburn.
Sapota	Fruiting	<ul style="list-style-type: none"> • Follow inter cultivation operation in sapota orchard. collect and destroy all infected fruits and

		<p>dried leaves.</p> <ul style="list-style-type: none"> • Due to forecast of very light rainfall and increase in temperature, provide irrigation to sapota orchard.
Chilli	Seedling	<ul style="list-style-type: none"> • Due to forecast of very light rainfall and increase in temperature, provide irrigation to nursery seedlings of chilli crop.
<p>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.</p>		