



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by IAAS, 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 –21/08/2019 to 27/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 01/09/2019				
21/08	22/08	23/08	24/08	25/08	26/08	27/08		28/08	29/08	30/08	31/08	01/09
1	-	0	1	0	-	-	Rainfall (mm)	8	10	10	10	30
31.3	-	32.7	32.5	31	-	-	Maximum temperature (°C)	31	31	31	30	30
25.7	-	25.3	24.7	25.2	-	-	Minimum temperature (°C)	25	25	25	24	24
-	-	-	-	-	-	-	Cloud cover (Octa)	7	6	6	8	7
99	-	-	-	99	-	-	Relative Humidity Max. (%)	93	91	93	93	93
93	88	85	89	93	-	-	Relative Humidity Min. (%)	78	72	76	83	78
1	3	-	0	2	-	-	Wind speed (Km/hr)	11	12	13	10	9
252	287	281	251	288	-	-	Wind direction	S	S	S	S	S

Agro-met Advisory

There is possibility of moderate rainfall from 28th August to 1st September, 2019 and sky will be cloudy. Extended range rainfall forecast for Konkan division for the period of 23rd to 29th August, 2019 is below normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> Due to forecast for light rain, maintain the optimum water level of 5 cm in the rice crop. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding. Due to forecast of high humidity and increase in temperature, there is possibility of incidence of bacterial leaf blight disease on rice. 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). Due to forecast of intermittent rainfall and 27-28°C prevailing mean temperature there will be incidence of stem borer and leaf folder on rice. If incidence is noticed, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of increase in temperature which is congenial for vegetative flush in mango, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20 g per 10 liter of water.
Vegetable crops	Fruiting	<ul style="list-style-type: none"> Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days.

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.