



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 –04/11/2020 to 10/11/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 15/11/2020				
04/11	05/11	06/11	07/11	08/11	09/11	10/11		11/11	12/11	13/11	14/11	15/11
0.0	0.0	0.0	0.0	0.0	-	-	Rainfall (mm)	0	0	0	0	0
33.6	33.0	33.8	34.0	33.8	-	-	Maximum temperature (°C)	34	33	35	35	37
23.2	24.0	24.0	24.0	23.2	-	-	Minimum temperature (°C)	22	22	23	25	26
0	0	0	0	0	-	-	Cloud cover (Octa)	0	0	1	1	2
95	91	75	90	81	-	-	Relative Humidity Max. (%)	52	50	59	70	68
77	72	60	54	65	-	-	Relative Humidity Min. (%)	27	28	29	43	43
0.0	0.0	0.0	0.0	0.0	-	-	Wind speed (Km/hr)	10	10	8	7	6
Calm	Calm	Calm	Calm	Calm	-	-	Wind direction	E	E	ENE	E	ENE

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of clear weather with increase in maximum and minimum temperature from 11th to 15th November, 2020 over Thane district.
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Crop	Stage	Agromet Advisory based on weather forecast
General advice	-	<ul style="list-style-type: none"> Due to increase in rate of evaporation, provide irrigation to irrigated fruit crops, nurseries and vegetable crops.
Kharif rice	Maturity	<ul style="list-style-type: none"> Sun dry the threshed grain for 2 to 3 days before storage.
Finger millet	Maturity	<ul style="list-style-type: none"> Sun dry the threshed grain for 2 to 3 days before storage.
Cowpea	Land preparation and Sowing	<ul style="list-style-type: none"> Plough the field for cultivation of cowpea and incorporate FYM or compost @ 2 tonnes/acre at the time of last ploughing. prepare check basin of 4 X 3 m size leaving furrow of 30 cm for irrigation between alternate two beds. Sow seed at a spacing of 30 X 15 cm. Apply 65 gms urea, 450 gms single Super Phosphate and 80 gms of muriate of potash per check basin before sowing. Konkan sadabahar and Konkan safeda are the varieties recommended by D.B.S.K.K.V., for cultivation in Konkan region. Use 6-8 kg seed /acre. Treat the seed with Thiram fungicide @3 gm/kg or Trichoderma 5 gms/kg and with Rhizobium and PSB biofertilizers @ 25 gms per kg of seed before sowing.
Chickpea	Sowing	<ul style="list-style-type: none"> Complete the sowing of chickpea crop before 15 November, 2020.
Mango	Vegetative	<ul style="list-style-type: none"> 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. Situation of clear sky and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard @ 30 liters of water at 7 days interval (1 years old), 15 days interval (2 years old) and one-month interval to 3 years old tree. New growth below graft union should be removed regularly.
Coconut	Fruiting	<ul style="list-style-type: none"> Due to clear sky and increase in temperature accelerate evaporation, provide irrigation to coconut orchard at 8-10 days interval. To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected portion. Install pheromone trap 2 nos. per hectare in orchard.
Sapota	Fruiting	<ul style="list-style-type: none"> Due to clear sky and increase in temperature accelerate evaporation, provide irrigation to sapota orchard. There is possibility of incidence of seed borer in sapota, for management of seed borer, collect and destroy all infected fruits and dried leaves. Follow central opening operation. If incidence is noticed, spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8%EC @ 10 ml insecticide per 10 liter of water at an interval of 1 month. Install blue light trap in orchard for monitoring insect.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management spray 10% cow urine and Azadirachtin 10000 PPM @ 3 ml per liter of water, alternatively at an interval of 7 days after transplanting. Install blue sticky trap

in field.

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.