



Agromet Advisory Service Bulletin for Thane and Palghar 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 –20/02/2019 to 26/02/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 03/03/2019				
20/02	21/02	22/02	23/02	24/02	25/02	26/02		27/02	28/02	01/03	02/03	03/03
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
32.2	31.0	29.2	31.0	35.2	32.0	-	Maximum temperature (°C)	33	32	33	34	35
17.2	16.8	18.4	20.6	17.4	16.0	-	Minimum temperature (°C)	20	19	19	20	21
0	0	0	0	0	0	-	Cloud cover (Octa)	2	3	1	1	2
88	90	89	62	82	68	-	Relative Humidity Max. (%)	61	50	33	32	67
49	63	51	30	42	41	-	Relative Humidity Min. (%)	27	35	17	20	20
3.4	2.1	2.6	5.0	3.2	3.9	-	Wind speed (Km/hr)	6	10	5	6	5
Calm	Calm	ESE	S	SE	Calm	-	Wind direction	124	60	41	63	217
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated			Total Rainfall (mm) in last year			
0.0						0.0			2359.6			

Agro-met Advisory
Sky will be slightly cloudy from 27th February to 3rd March, 2019. It is wind velocity range on 6 to 10 from 27th February to 3rd March, 2019.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Carry out weeding operation also apply 2nd dose of nitrogen 40 kg ha⁻¹ (Urea 87 kg ha⁻¹) to rice crop at time of tillering. Maintain optimum water level of 5-10 cm in rice field.
Groundnut	Flowering and peg stage	<ul style="list-style-type: none"> Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days.
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> Due to forecast of cloudy weather condition, there is possibility for incidence of hoppers and powdery mildew disease on mango tree. Hence as per blossom protection schedule for mango, it is advise to take 5th spray (15 days interval after 4th spray) of Dimethoate 30%EC @ 10 ml or Lambda cyhalothrin 5%EC @ 6 ml + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm mildew per 10 liter of water for control of powdery mildew. Due to temperature variation it is possibility for fruit drop of mango hence, apply irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval for 3 to 4 times to reduce fruit drop and increase the size of fruits. Also use straw mulch to reduce evaporation. For increasing the production and quality improvement of fruits of mango, spray 1 % Potassium nitrate at pea stage, marble stage and arecanut size fruit stage.
Coconut	-	<ul style="list-style-type: none"> To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36% Monocrotophos with the help of plastic funnel in the hole and close the hole with the help of cement. Due to increase in maximum temperature, provide irrigation to coconut orchard at 8-10 days interval.
Sapota	Fruiting	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to sapota orchard at 8-10 days interval.
Banana	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to banana orchard at 8-10 days interval.
Flower crop	Flowering	<ul style="list-style-type: none"> Harvesting of mature marigold flowers should be carry out at evening hours and keep at cool place. Harvest the aster flowers which are ready for harvesting. For loose flower individual flowers to be harvest at early morning and for cut purpose, flowers along with whole plant to be harvested at evening hours.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop for effective control of fruit fly. Carry out sowing operation of okra at a spacing of 45 X 15 cm. apply 15 tonne of FYM, 72 kg urea, 313 kg single super phosphate and 83 kg muriate of potash per hectare. Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. The temperatures during day are increasing hence protect poultry birds from heat. To protect the birds from Ranikhet disease, vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.

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.