



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 –23/02/2019 to 01/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 06/03/2019				
23/02	24/02	25/02	26/02	27/02	28/02	01/03		02/03	03/03	04/03	05/03	06/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.0	35.2	32.0	32.0	29.0	29.0	32.0	Maximum temperature (°C)	33	33	33	34	34
20.6	17.4	16.0	17.0	16.0	17.4	15.4	Minimum temperature (°C)	20	21	22	22	22
0	0	0	0	0	0	0	Cloud cover (Octa)	2	1	0	2	1
62	82	68	91	87	82	57	Relative Humidity Max. (%)	37	61	84	87	65
30	42	41	30	51	25	-	Relative Humidity Min. (%)	23	26	41	57	38
5.0	3.2	3.9	3.1	3.1	3.6	5.3	Wind speed (Km/hr)	4	4	5	9	5
S	SE	Calm	Calm	Calm	NNE	Calm	Wind direction	138	196	250	265	123
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 clear from 2nd to 6th 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	Pod filling	<ul style="list-style-type: none"> Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days.
Lablab bean	Harvesting	<ul style="list-style-type: none"> Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner.
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> In some mango orchard due to decrease in temperature leads to recurrent flowering by the emergence of new lateral panicles from the base point of early emerged panicles may lead to sever fruit drops from the main panicle. This situation observed mostly in Alphonso mango variety. To avoid the recurrent flowering, foliar spray of the Gibberellic acid 50 PPM (1 gram per 20 liter of water) at full bloom and then after peanut stage is suggested. 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. Provide support to newly planted mango graft, as there is forecast of high wind speed.
Coconut	-	<ul style="list-style-type: none"> 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. If incidence of chiku moth (leaf webber) is noticed on sapota, collect and destroy the dried clusters of leaf web and spray 5% neem seed kernel extract.
Banana	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to banana orchard at 8-10 days interval. Provide support to newly planted banana orchard, as there is forecast of high wind speed.
Flower crop	Flowering	<ul style="list-style-type: none"> Carry out harvesting of the fully develop mogra flower during morning 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 harvesting of brinjal when fruit at tender stage. Carry out harvesting of green chilli. Harvesting of the cabbage should be carry out when heads are firm. 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.