



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 –19/01/2019 to 25/01/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 30/01/2019				
19/01	20/01	21/01	22/01	23/01	24/01	25/01		26/01	27/01	28/01	29/01	30/01
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
32.0	32.8	32.0	-	-	-	-	Maximum temperature (°C)	27	28	30	30	30
13.6	15.0	15.6	-	-	-	-	Minimum temperature (°C)	16	16	16	17	18
0	0	0	-	-	-	-	Cloud cover (Octa)	0	0	0	0	0
89	89	88	-	-	-	-	Relative Humidity Max. (%)	56	54	52	52	52
39	43	57	-	-	-	-	Relative Humidity Min. (%)	55	55	55	53	51
1.9	1.9	1.4	-	-	-	-	Wind speed (Km/hr)	13	14	13	9	8
Calm	Calm	Calm	-	-	-	-	Wind direction	29	42	50	55	76
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

There will be normal weather condition from 26th to 30th January, 2019 and wind velocity range from 8 to 14 Kmph.

Crop	Stage	Agro Advise
Rice	Seedling	<ul style="list-style-type: none"> In rice field, maintain optimum water level of 2.5- 5 cm upto 30 days after transplanting.
Lablab bean	Flowering and pod filling stage	<ul style="list-style-type: none"> There is possibility for incidence of pod borer on lablab bean, if incidence is noticed, collect and destroy all infected pods and spray Dimethoate 30% EC @ 20 ml per 10 liter of water.
Mango	Flowering	<ul style="list-style-type: none"> Provide support to newly planted mango graft, as there is forecast of high wind speed. Low temperature during night affects the flower initiation in mango. For inducing flowering in mango, burned the dried leaves and create smoke under the canopy of the mango tree or spray mango tree with 1% potassium nitrate solution (1 kg KNO₃ per 100 liter of water)
Banana	-	<ul style="list-style-type: none"> Provide support to banana tree which is in flowering stage, as there is forecast of high wind speed. Low temperature affects the growth of banana crop. To overcome the effect of low temperature, provide irrigation to banana orchard at evening hours keep soil moist and trap heat.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Due to forecast of high windspeed follow earthing up operation in vegetable crops. There is possibility for incidence of aphids on watermelon, if incidence is noticed spray Dimethoate @10 ml or Malathion @20 ml per 10 liter of water. Also use yellow stick cards in field. Provide irrigation to fruit crop nursery, vegetable crops and newly planted plantation crops at evening hours.
Milch animal	-	<ul style="list-style-type: none"> Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need. Provide clean and hygienic drinking water to farm animals. For control of worms in goat, give Albendazol 7.5 ml per kg weight of goat.

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.