



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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No. 13/2019

Date: 12/02/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –06/02/2019 to 12/02/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 17/02/2019				
06/02	07/02	08/02	09/02	10/02	11/02	12/02		13/02	14/02	15/02	16/02	17/02
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
30.6	28.0	26.8	-	-	-	-	Maximum temperature (°C)	34	34	34	32	31
17.4	15.2	13.6	-	-	-	-	Minimum temperature (°C)	17	16	17	17	17
0	0	0	-	-	-	-	Cloud cover (Octa)	1	1	0	0	0
94	88	57	-	-	-	-	Relative Humidity Max. (%)	33	50	58	57	43
44	47	-	-	-	-	-	Relative Humidity Min. (%)	24	26	29	28	18
2.4	2.8	3.8	-	-	-	-	Wind speed (Km/hr)	5	4	4	6	5
calm	160	230	-	-	-	-	Wind direction	149	221	194	77	124
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 13th to 14th February, 2019. Wind velocity range from 4 to 6 Km/h from 13th to 17th February, 2019.

Crop	Stage	Agro Advise
Summer 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.
Groundnut	Flowering	<ul style="list-style-type: none"> Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days after sowing. Rolling of empty drum 45-60 days after sowing for better penetration of pegs & pod setting is advocated.
Pulse crop	Pod stage	<ul style="list-style-type: none"> Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight. Stored dried grain in proper manner.
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> There is possibility for incidence of hoppers and anthracnose disease on mango tree. Therefore it is advise to spray Thiomethoxam 25%WG @ 1gm for control the incidence of mango hoppers + Hexaconazole 5% @ 5 ml or wetttable Sulphur 80% @ 20 gm for control of powdery mildew + Carbendazim 12% +Mancozeb 63% @ 10 gm for control of anthracnose disease per 10 liter of water. Due to forecast for increase in maximum temperature, there is possibility for pre-mature fruit drops of mango, therefore it is advise to spray 2% urea (200 gm per 10 liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule of mango. or spray mango tree with 1% potassium nitrate solution (1 kg KNO₃ per 100 liter of water). Care should be taken to add completely dissolved solution of urea in insecticide. Apply 150 to 200 liter of water per tree after fruit setting in mango at an 15 days interval for 3 to 4 times to avoid the pre-mature fruit drop. The pre harvest bagging with News paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls incidence of mealy bag on fruits and produces spotless fruits of mango.
Coconut	-	<ul style="list-style-type: none"> For above five year old coconut palm apply 3rd dose of 750 gm urea and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil and irrigate.
Flower crop	Flowering	<ul style="list-style-type: none"> Provide irrigation to aster and marigold crop.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Follow earthing up operation in Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Also provide support to crop as there is forecast of high wind speed. Carryout harvesting of the vegetable those are in proper stage of harvesting. 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. Medication against ticks in farm animal under the guidance 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.

