



**Agromet Advisory Service Bulletin for Thane and Palghar District**  
(Issued jointly by IAAS, Dr. B.S. Konkarni 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 –25/01/2019 to 31/01/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 06/02/2019				
30/01	31/01	01/02	02/02	03/02	04/02	05/02		06/02	07/02	08/02	09/02	10/02
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
30.8	30.6	29.4	30.2	28.8	30.4	-	Maximum temperature (°C)	33	30	30	30	32
12.2	13.6	16.5	17.6	17.0	17.6	-	Minimum temperature (°C)	21	21	20	20	21
0	0	0	0	1	1	-	Cloud cover (Octa)	0	1	0	0	0
68	84	64	54	73	88	-	Relative Humidity Max. (%)	60	68	67	47	30
31	31	36	46	44	44	-	Relative Humidity Min. (%)	34	35	44	35	18
2.9	2.1	2.4	5.2	4.5	1.8	-	Wind speed (Km/hr)	4	7	8	7	7
Calm	Calm	ENE	ENE	Calm	Calm	-	Wind direction	96	271	83	80	60
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 6<sup>th</sup> to 10<sup>th</sup> February, 2019.**

Crop	Stage	Agro Advise
Summer rice	Seedling	<ul style="list-style-type: none"> <li>In rice field, maintain optimum water level of 2.5- 5 cm upto 30 days after transplanting.</li> </ul>
Groundnut	Flowering	<ul style="list-style-type: none"> <li>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 &amp; pod setting is advocated.</li> </ul>
Pulse crop	Pod stage	<ul style="list-style-type: none"> <li>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.</li> </ul>
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> <li>Provide support to newly planted mango graft, as there is forecast of high wind speed.</li> <li>Due to forecast of cloudy weather condition, 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 wettable 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.</li> <li>Provide irrigation to newly planted mango orchard and use straw mulch to reduce evaporation.</li> </ul>
Coconut	-	<ul style="list-style-type: none"> <li>For above five year old coconut palm apply 3<sup>rd</sup> 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.</li> </ul>
Spice crop	Harvesting	<ul style="list-style-type: none"> <li>Cary out harvesting of black paper by picking the whole spikes by hand, when few berries in the spike start turning yellow or red. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days.</li> </ul>
Flower crop	Flowering	<ul style="list-style-type: none"> <li>Provide irrigation to aster and marigold crop.</li> </ul>
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> <li>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.</li> <li>Carryout harvesting of the vegetable those are in proper stage of harvesting.</li> <li>Provide irrigation to fruit crop nursery, vegetable crops.</li> </ul>
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> <li>Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.</li> <li>Provide clean and hygienic drinking water to farm animals.</li> <li>Medication against ticks in farm animal under the guidance of veterinary officer is advocated.</li> </ul>

**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 Konkarni Vidyapeeth, Dapoli.**  
**For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.**