



**Agromet Advisory Service Bulletin for Palghar District**  
(Issued jointly by GKMS, 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 –08/01/2020 to 14/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 19/01/2020				
08/01	09/01	10/01	11/01	12/01	13/01	14/01		15/01	16/01	17/01	18/01	19/01
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
32.0	32.0	29.4	32.0	33.4	32.6	29.6	Maximum temperature (°C)	27	27	24	26	30
18.8	16.0	15.8	19.4	18.6	18.6	18.6	Minimum temperature (°C)	14	13	11	13	16
0	0	0	0	0	0	0	Cloud cover (Octa)	2	1	0	1	2
90	74	75	67	96	94	83	Relative Humidity Max. (%)	65	67	57	57	48
55	42	46	41	45	67	-	Relative Humidity Min. (%)	46	36	33	24	25
1.6	3.7	4.7	3.2	2.5	2.2	2.7	Wind speed (Km/hr)	9.2	8.3	10.6	10.6	8.9
Calm	SW	SW	NNE	Calm	Calm	ENE	Wind direction	ENE	ENE	E	ENE	ESE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year			
0.0						0.0			4233.4			

**Agro-met Advisory**

**There is possibility of decrease in maximum and minimum temperature and sky will be clear from 15<sup>h</sup> to 19<sup>th</sup> January, 2020.**

Crop	Stage	Agro Advise
Lablab bean	Flowering	<ul style="list-style-type: none"> <li>There is possibility of incidence of aphids on lablab bean crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml per 10 liter of water.</li> </ul>
Cowpea	Flowering	<ul style="list-style-type: none"> <li>There is possibility of incidence of aphids on cowpea crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml per 10 liter of water.</li> </ul>
Mango	flower bud initiation to flowering	<ul style="list-style-type: none"> <li>Due to forecast for decrease in temperature leads favourable weather for flower induction in mango. To protect the inflorescence from hoppers, thrips and powdery mildew diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml per 10 liter in water at the time of flower bud initiation as a second spray of mango blossom protection schedule.</li> <li>To protect the inflorescence from hoppers, midge fly, thrips and powdery mildew diseases, As per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 6 ml per 10 liter of water before the flower opening (15 days after 2<sup>nd</sup> spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.</li> </ul>
Coconut	--	<ul style="list-style-type: none"> <li>There is possibility of incidence of spiraling white fly on coconut which results into growth of black fungus on leaves, if incidence is noticed spray imidacloprid 17.8%SL @3 per 10 liters of water. For the protection from black fungus Spray 1% starch solution @ 10 per 10 liter of water.</li> </ul>
Brinjal	Fruiting	<ul style="list-style-type: none"> <li>Apply third split dose of 43 kg per acre to brinjal crop two months after transplanting.</li> </ul>
Chilli	Flowering	<ul style="list-style-type: none"> <li>Apply second split dose of 32 kg per acre to chilli crop at the time of flowering.</li> </ul>
Cabbage	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of cabbage borer, cabbage aphids in cabbage crop,if incidence is noticed spray Malathion 50% EC @ 1 ml + 2.5 gram of Copper oxychloride per liter of water twice at 10 to 12 days interval.</li> </ul>
Milch Animals/ Goat /Poultry	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals.</li> <li>Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.</li> <li>Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.</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 Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.