



**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 –18/01/2020 to 24/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 29/01/2020				
18/01	19/01	20/01	21/01	22/01	23/01	24/01		25/01	26/01	27/01	28/01	29/01
0	0	0	0	-	-	-	Rainfall (mm)	0	0	0	0	0
25.4	30.8	32.2	32.6	-	-	-	Maximum temperature (°C)	33	32	32	30	25
15.0	17.5	15.4	16.4	-	-	-	Minimum temperature (°C)	18	18	18	16	15
0	0	0	0	-	-	-	Cloud cover (Octa)	0	0	0	1	2
69	69	92	92	-	-	-	Relative Humidity Max. (%)	50	40	37	75	75
37	29	54	-	-	-	-	Relative Humidity Min. (%)	27	24	22	23	50
6.0	6.0	3.3	1.8	-	-	-	Wind speed (Km/hr)	8.4	8.5	7.1	7.8	10.2
ESE	SW	Calm	Calm	-	-	-	Wind direction	WNW	ENE	ENE	WNW	E
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 from 25<sup>th</sup> to 29<sup>th</sup> January, 2020.**

Crop	Stage	Agro Advise
Rice	Seedling	<ul style="list-style-type: none"> <li>Prepare field for transplanting by puddling. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare.</li> <li>Rice seedling with 5 to 6 leaves with height of 12 to 15 cm and 35 to 40 days old are considered ideal for transplanting.</li> <li>Transplant 3 rice seedling per hill at a spacing of 20 x 15 cm. follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling.</li> <li>Maintain optimum water level of 2.5- 5 cm upto 30 days after transplanting.</li> </ul>
Lablab bean	Flowering	<ul style="list-style-type: none"> <li>There is possibility of incidence of pod borer on lablab bean crop which initially feed on buds and then on tender pods. If incidence is noticed, collect and destroy all infected pods and spray Quinalphos 25% EC @ 20ml of Dimethoate 30% EC@12 ml per 10 liter of water. Install birds' perches into field.</li> <li>Provide irrigation to lablab bean crop where crop is in flowering stage.</li> </ul>
Mango	flower bud initiation to flowering	<ul style="list-style-type: none"> <li>To protect the flower bud of mango 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>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>
Cashewnut	Flowering to fruiting	<ul style="list-style-type: none"> <li>There is possibility of incidence of tea mosquito bugs and thrips on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liter of water and for control of incidence of tea mosquito buds and thrips during fruit bearing stage of cashewnut, spray Lambda cyhalothrin 5% EC @6 ml per 10 liter of water. (insecticide is not under label claim)</li> </ul>
Coconut	--	<ul style="list-style-type: none"> <li>Provide irrigation to first four years old coconut orchard at 6 to 7 days interval and for above four years old orchard provide irrigation at 5 to 10 days interval.</li> <li>To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected part. Install pheromone trap 2 nos. per hectare in orchard.</li> </ul>
Sapota	Fruiting	<ul style="list-style-type: none"> <li>Apply second split dose of 5 kg FYM, 150 g urea, 450 g single super phosphate and 150 g muriate of potash per tree to year old sapota plant by band placement around the tree just inside the spread. Apply fertilizer dose every year by multiplying year with first year dose upto first 20 years and after 20 years, apply 100 kg FYM, 3 kg urea, 9 kg single super phosphate and 3 kg muriate of potash per tree thereafter.</li> </ul>
Mogra	Flowering	<ul style="list-style-type: none"> <li>If incidence of leaf webber, leaf roller and bud borer is noticed on mogra crop, collect and destroy all infected leaves and buds and spray neem based insecticide nemazal 5%.</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.**