



**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 –18/04/2020 to 24/04/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 29/04/2020				
18/04	19/04	20/04	21/04	22/04	23/04	24/04		25/04	26/04	27/04	28/04	29/04
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	7
-	-	-	-	-	-	-	Maximum temperature (°C)	35	35	34	34	35
-	-	-	-	-	-	-	Minimum temperature (°C)	26	25	25	25	25
-	-	-	-	-	-	-	Cloud cover (Octa)	0	0	0	0	1
-	-	-	-	-	-	-	Relative Humidity Max. (%)	82	88	87	87	88
-	-	-	-	-	-	-	Relative Humidity Min. (%)	27	30	30	29	34
-	-	-	-	-	-	-	Wind speed (Km/hr)	3	3	4	4	4
-	-	-	-	-	-	-	Wind direction	S	SSE	SSE	ESE	WNW
<b>Rainfall (mm) in last week</b>							<b>Rainfall (mm) from 01/01/2020 to till dated</b>			<b>Total Rainfall (mm) in last year</b>		
0.0							0.0			4233.4		

**Agro-met Advisory**

There is possibility of light rainfall on 29<sup>th</sup> April, 2020 and also possibility of increase in maximum and minimum temperature and sky remain clear.

Crop	Stage	Agro Advise
<b>Value addition of Fruits</b>	--	<ul style="list-style-type: none"> <li>Due to the lockdown in the view of outbreak of Covid-19 (Corona), farmers are facing difficulties in marketing of perishable farm produce. To reduce the loss of perishable fruits, it is suggested to go for value addition by processing the fruits. In this connection it is possible to make fried chips and leather from jackfruits, syrup from available cashew apples, pickle, chutney, and syrup from Karonda fruits, amsul, syrup and agal from ripe kokum, syrup from jamun and dry powder from sapota fruit. Detail flow chart for preparation of vale added product is available in farmers corner on university website (<a href="http://www.dbskkv.org">www.dbskkv.org</a>).</li> </ul>
<b>Summer rice</b>	<b>Grain filling</b>	<ul style="list-style-type: none"> <li>Rice crop is in grain filling stage hence maintain optimum water level of 5 cm.</li> </ul>
<b>Mango</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>To protect the mango fruits from the incidence of fruit fly, install “Rakshak fruit fly trap” developed by University @ 4 traps per hectare. Collect and destroy fallen fruits and keep orchard clean.</li> <li>Due to forecast for increase in temperature and decrease in humidity, provide irrigation to newly planted mango orchard @ 30 liters of water twice in week (1 years old), twice in 15 days interval (2 years old) and twice in month (3 years old).</li> <li>For new plantation of mango, clean the field and dig the pits of size 1 X 1 X 1 m at a spacing of 10 X 10 m (5 X 5 m for high density planting). Re-filled the pits with mixture of soil, 3 to 4 baskets of <b>well decomposed FYM</b> and 3 kg of single super phosphate.</li> </ul>
<b>Cashewnut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Harvest the matured nuts and sun dry for 7 to 8 days to bring down moisture content and then stored in dry places.</li> <li>Due to forecast for increase in temperature and decrease in humidity, provide irrigation to newly planted cashew orchard @ 15 liters of water once in week. also use straw or polythene mulch in cashew orchard to reduce evaporation losses.</li> <li>For new plantation of cashewnut, clean the field, dig the pits of size 0.6 X 0.6 X 0.6 m at a spacing of 7.5 X 7.5 m or 8 X 8 m. Re-filled the pits with mixture of soil, 1½ to 2 baskets of <b>well decomposed FYM</b> and ½ kg of single super phosphate.</li> </ul>
<b>Coconut</b>	--	<ul style="list-style-type: none"> <li>Due to forecast for increase in temperature and decrease in humidity, provide irrigation to coconut orchard at 5-6 days interval also use straw mulch to reduce evaporation losses.</li> <li>For new plantation of coconut, clean the field and dig the pits of size 1 X 1 X 1 m at a spacing of 7.5 X 7.5 m or 8 X 8 m. Re-filled the pits with mixture of soil, 10 kg of <b>well decomposed FYM</b> and 2 kg of single super phosphate.</li> <li>Prepare the copra from dried coconut by sun dry for minimum 3 days and then stored in dry place.</li> </ul>
<b>Banana</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Due to forecast for increase in temperature and decrease in humidity, provide irrigation to banana orchard and use straw mulch to reduce evaporation losses.</li> <li>Provide support to banana tree which is in fruiting stage also cover the bunches with gunny cloth or leaves to protect the fruits from sunburn.</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.

