



**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 –29/02/2020 to 06/03/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 11/03/2020				
29/02	01/03	02/03	03/03	04/03	05/03	06/03		07/03	08/03	09/03	10/03	11/03
0	0	0	0	-	-	-	Rainfall (mm)	0	0	0	6	4
34.2	32.4	34.4	30.0	-	-	-	Maximum temperature (°C)	30	30	29	28	28
17.0	19.0	18.0	18.0	-	-	-	Minimum temperature (°C)	22	22	21	20	20
0	0	0	0	-	-	-	Cloud cover (Octa)	0	0	0	0	0
83	91	91	91	-	-	-	Relative Humidity Max. (%)	80	78	74	84	81
37	32	59	-	-	-	-	Relative Humidity Min. (%)	54	50	48	55	51
2.5	2.7	2.9	2.8	-	-	-	Wind speed (Km/hr)	12	9	8	7	13
S	CALM	CALM	CALM	-	-	-	Wind direction	NNW	NE	ENE	SE	NW
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 light rainfall from 10<sup>th</sup> to 11<sup>th</sup> March, 2020, also possibility of increase in wind speed.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> <li>Maintain optimum water level of 5 cm in rice field where crop is in tillering stage.</li> </ul>
Mango	Flowering to fruiting	<ul style="list-style-type: none"> <li>To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3<sup>rd</sup> spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.</li> <li>To improve production and quality of mango fruits, spray 1% Potassium nitrate at pea, marble and egg fruit stages.</li> <li>The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango.</li> <li>Spraying of 55% cow urine at pea size fruits of mango 3 to 6 sprays at weekly interval as per availability is suggested for increasing yield.</li> </ul>
Cashewnut	Flowering to fruiting	<ul style="list-style-type: none"> <li>There is possibility of incidence of tea mosquito bug and thrips on new vegetative flush of cashewnut, to protect the flush of cashew spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.</li> <li>To improve fruit setting and production of cashewnut, spray 10 ppm Ethrel as a plant growth regulator at flowering stage. If possible Provide irrigation to cashewnut plant from flowering to fruiting stage.</li> <li>Spraying of 25% cow urine @ 5 liter per plant and drenching of 10 liter of 25% cow urine per cashewnut tree is suggested for increasing yield and size of nuts.</li> </ul>
Coconut	--	<ul style="list-style-type: none"> <li>There is possibility of incidence of rugose spiralling white fly on coconut, Nymphs and adults suck the sap from lower surface of leaves and produce honey dew sugary substance which develop growth of sooty mould fungus. For protection of plant from white fly incidence spray water onto leaves regularly. Also, for control of black fungus spray 1% starch solution on leaves.</li> </ul>
Okra	Fruiting	<ul style="list-style-type: none"> <li>There is possibility of incidence of jassids on okra crop. If incidence is noticed, spray Dimethoate 30%EC@10 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter of water. Also use yellow sticky cards in field to attract sucking pest.</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.**