



**Agromet Advisory Service Bulletin for Palghar District**  
(Issued jointly by IMD, New Delhi and ICAR, New Delhi,  
Krishi Vigyan Kendra, Kosbad Hill, Palghar)



No. 80/2020

Date: 06/10/2020

Duration – 5 days

Significant past weather for the preceding week (Period – 30/09/2020 to 06/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 07/10/2020 to 11/10/2020				
30/09	01/10	02/10	03/10	04/10	05/10	06/10		07/10	08/10	09/10	10/10	11/10
0.0	0.0	0.0	0.0	0.0	1.6	0.0	Rainfall (mm)	10	0	0	0	15
							Maximum temperature (°C)	32	33	33	34	33
							Minimum temperature (°C)	26	26	26	26	26
							Cloud cover (Octa)	8	6	7	5	8
							Relative Humidity Max. (%)	88	86	80	73	93
							Relative Humidity Min. (%)	64	57	54	45	50
							Wind speed (Km/hr)	3	3	3	3	5
							Wind direction	SE	NE	SE	NE	SE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated		Total Rainfall (mm) in last year				
1.6						3062.4		4233.4				

**Agro-met Advisory**

As per the forecast given by RMC, Mumbai, there is possibility of light rainfall at isolated places on 11<sup>th</sup> October, 2020. Temperature may increase during next five days.

Extended range rainfall forecast for Konkan division for the period of 16<sup>th</sup> to 22<sup>nd</sup> October, 2020 is equal to normal.

Crop	Stage	Agro-met Advisory
General advisory		<ul style="list-style-type: none"> <li>There is forecast of light to moderate rainfall during 10<sup>th</sup> to 13<sup>th</sup> October, at isolated places, hence harvest matured early rice varieties follow immediate threshing.</li> </ul>
Kharif Rice	Grain filling to harvesting stage	<ul style="list-style-type: none"> <li>There is forecast of light rainfall on 11<sup>th</sup> October, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and follow immediate threshing, the threshed grains should be sun dry for 2 to 3 days before storage.</li> <li>Maintain 5 cm level of water in rice field where late rice varieties are in grain filling stage and drain out water from the field where mid-late rice varieties are in maturity stage.</li> <li>There is possibility of incidence of army worm in early rice varieties, hence by observing rainfall situation harvest matured early rice varieties. If incidence is noticed, spray Nim oil 50 ml. Dichlorovos 12 ml or Cypermethrin 25%EC @ 6 ml per 10 liters of water.</li> </ul>
Coconut	Vegetative development	<ul style="list-style-type: none"> <li>There is forecast of light rainfall on 11<sup>th</sup> October, hence by observing rainfall situation clean coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation. For above five years old coconut palm, Apply 750 gms urea and 667 gms of muriate of potash as 2nd split dose during clear weather (no rainfall). Apply 1/5th, 2/5th, 3/5th and 4/5th of above-mentioned fertilizer dose per tree for 1,2,3 and 4-year-old coconut plantation, respectively.</li> </ul>
Mango	Vegetative development	<ul style="list-style-type: none"> <li>In high density (5X5 m or 6X4 m) mango orchard, carryout pruning operation, it includes de topping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance.</li> <li>In old mango orchard, carryout centre opening operation which</li> </ul>

		increase penetration of sunlight and result in increase in flowering.
<b>Cashew nut</b>	<b>Vegetative development</b>	<ul style="list-style-type: none"> <li>• Due to increase in temperature and cloudy condition there is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashew nut to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liters of water.</li> </ul>
<b>Banana</b>	<b>Vegetative development</b>	<ul style="list-style-type: none"> <li>• Due to forecast of clear weather remove weeds and diseased leaves from newly planted banana orchards and carried out eating up to the plants.</li> </ul>
<b>Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>• For planting vegetables for rabi season, the seedlings should be planted in insect repellent nylon net to prevent the infestation of sucking insects.</li> </ul>
<b>Animal husbandry</b>		<ul style="list-style-type: none"> <li>• There is possibility of Crimean Congo Hemorrhagic Fever is a viral disease transmitted to cattle, farmers should keep their cattle shed clean and in case of incidence of tick-worm found, preventive drugs like Cypermethrin or Deltamethrin should be applied to the cattle by taken advise of veterinarians.</li> <li>• Farmers should strictly avoid removing or killing tick-worms by hand. Socks, masks and gum shoes should be used while cleaning the cattle shed.</li> </ul>
<p align="center"><b>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.</b></p>		