



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



No. 78/2020

Date: 29/09/2020

Duration – 5 days

Significant past weather for the preceding week (Period – 23/09/2020 to 29/09/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 30/09/2020 to 04/10/2020				
23/09	24/09	25/09	26/09	27/09	28/09	29/09		30/09	01/10	02/10	03/10	04/10
112.4	4.8	8.6	6.4	0.0	0.0	0.0	Rainfall (mm)	3	2	0	0	0
31	29	30.2					Maximum temperature (°C)	32	31	32	32	32
16	16.2	18					Minimum temperature (°C)	25	25	25	25	25
-	-	-					Cloud cover (Octa)	3	5	4	1	1
95	93	95					Relative Humidity Max. (%)	91	94	88	85	88
90	95	-					Relative Humidity Min. (%)	62	68	67	64	66
2.1	2	2.7					Wind speed (Km/hr)	3	3	3	4	4
ESE	ENE	ENE					Wind direction	SE	SSE	SE	SE	SE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year			
131.8						3060.8			4233.4			

**Agro-met Advisory**

As per the forecast given by RMC, Mumbai, here is possibility of light rainfall at isolated places on 30<sup>th</sup> September and 1st October, 2020. Temperature may increase during next five days.

Extended range rainfall forecast for Konkan division for the period of 9<sup>th</sup> to 15<sup>th</sup> October, 2020 is below normal.

Crop	Stage	Agro-met Advisory
General advisory		<ul style="list-style-type: none"> <li>• Due to forecast of increase in temperature during next five days, maintain 5 cm level of water in rice field where mid- late rice varieties in grain filling stage and late rice varieties is in flowering stage.</li> <li>• Apply 3<sup>rd</sup> split dose of nitrogenous fertilizer @ 71 kg urea per ha to the late rice varieties at the time of flowering.</li> </ul>
Kharif Rice	Flowering to harvesting stage	<ul style="list-style-type: none"> <li>• Due to forecast of increase in temperature during next five days, maintain 5 cm level of water in rice field where mid- late rice varieties in grain filling stage and late rice varieties is in flowering stage.</li> <li>• Apply 3<sup>rd</sup> split dose of nitrogenous fertilizer @ 71 kg urea per ha to the late rice varieties at the time of flowering. Drain out water from the field where early rice varieties is in maturity stage.</li> <li>• Due to forecast of increase in temperature and humidity, there is possibility of incidence of army worm in early rice varieties, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and kept immediately at safe place.</li> </ul>
Mango	Vegetative development	<ul style="list-style-type: none"> <li>• Due to forecast of clear weather during next five days follow the weeding operation in mango orchard, also remove loranthus, all dried, unproductive and disease infected branches, apply bordo paste on cut portion. After cleaning of orchard, spray 1% bordo mixture or 0.25% copper oxychloride @25 gms per 10 liters of water on to tree.</li> </ul>
Sapota	Fruiting	<ul style="list-style-type: none"> <li>• Due to forecast of clear weather during next five days follow the weeding operation in sapota orchard, also remove all dried, unproductive and disease infected branches, apply bordopaste on cut portion. After cleaning of orchard, spray 1% bordo mixture on to tree.</li> </ul>
Cashew nut	Vegetative development	<ul style="list-style-type: none"> <li>• Due to increase in temperature and humidity 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</li> </ul>

		cyhalothrin 5% EC @ 6 ml per 10 liter of water.
<b>Areca nut</b>	<b>Vegetative development</b>	<ul style="list-style-type: none"> <li>• Clean areca nut orchard by removing all dried leaves and other dead waste to maintain good sanitation. Due to cloudy and humid weather condition in last week, if incidence of koleroga disease found in areca nut orchard. To protect palm from fungal discase, spray of 1% bordomixture or 0.375% Copper oxychloride @ 37 per 10 litters of water on to crown region.</li> </ul>
<b>Banana</b>	<b>Vegetative development</b>	<ul style="list-style-type: none"> <li>• Remove fallen fruits and disease infected leaves and dispose of them properly and keep the bunds weed free, there is a possibility of banana crop may affected by Sigatoka disease so As soon as the initial symptoms appear, spray Carbendazim or Balatron 1 gm per liter of water.</li> </ul>
<b>Cucurbitaceae Vegetables</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>• For raising of vegetable nursery for rabi season, cultivate the land when it is at field capacity condition and then prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m. For protection of seedlings from wilt disease, drench nursery bed with 1% bordo mixture before 3-4 days of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed.</li> </ul>
<b>Animal husbandry</b>		<ul style="list-style-type: none"> <li>• Preserve the available green fodder by adopting silage method which helps to feed animals during the period when green fodder is not available. For this, sprinkle the prepared solution of 2 kg jaggery +half kg urea+ 2kg salt in 5-6 liter of water onto 100kg finely chopped grasses. then this treated grass is filled layer wise in plastic silos readily available in market. Keep the silos in shade to protect from rain and heat. In this way, the feed is ready within 2-3 months to feed the farm animals.</li> </ul>
<p><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>		