



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



No. 81/2020

Date: 09/10/2020

Duration – 5 days

Significant past weather for the preceding week (Period – 03/10/2020 to 09/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 10/10/2020 to 14/10/2020				
03/10	04/10	05/10	06/10	07/10	08/10	09/10		10/10	11/10	12/10	13/10	14/10
1.6	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	5	0	0	2	0
31	31	30	32.6	31	32.4	32	Maximum temperature (°C)	33	34	33	34	35
25	24	24.5	23.5	24.5	25.5	26.5	Minimum temperature (°C)	27	27	26	26	27
							Cloud cover (Octa)	5	7	8	8	8
80	88	90	88	86	92	89	Relative Humidity Max. (%)	73	71	93	96	96
75	80	72	70	74	79	-	Relative Humidity Min. (%)	52	44	47	73	71
2.2	2.9	1.6	1.6	2.5	2.6	1.8	Wind speed (Km/hr)	4	3	6	4	4
							Wind direction	E	E	ESE	ESE	ESE
<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>			
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 10<sup>th</sup> and 13<sup>th</sup> October, 2020. Temperature may increase during next five days.

**Alert:** There is a possibility of thunderstorms and lightning at isolated places on 09, 13 and 14 October 2020. Extended range rainfall forecast for Konkan division for the period of 16<sup>th</sup> to 22<sup>nd</sup> October, 2020 is above normal.

Crop	Stage	Agro-met Advisory
<b>General advisory</b>		<ul style="list-style-type: none"> <li>There is a possibility of thunderstorms and lightning at isolated places on 09, 13 and 14 October 2020, farmers should be careful while working in the field with the help of Damini app. In such cases, arrangements should be made to keep the animals in a safe shed.</li> </ul>
<b>Kharif Rice</b>	<b>Grain filling to harvesting stage</b>	<ul style="list-style-type: none"> <li>There is forecast of light rainfall, 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>
<b>Coconut</b>	<b>Vegetative development</b>	<ul style="list-style-type: none"> <li>There is forecast of light rainfall, 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>
<b>Mango</b>	<b>Vegetative development</b>	<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</li> </ul>

		<p>should be maintained at 80% of row distance.</p> <ul style="list-style-type: none"> <li>• In old mango orchard, carryout centre opening operation which increase penetration of sunlight and result in increase in flowering.</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>Okra</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>• Okra planting for rabi season should be sown in 45 x 15 cm spacing. Use 15 to 20 kg seeds for. Before germination, soak the seed in water or in the solution of psychosyl (100 ml per liter) for 24 hours and then dry the seeds in the shade to increase the yield by 10 to 15%.</li> </ul>
<b>Vegetables</b>	<b>Nursery sowing</b>	<ul style="list-style-type: none"> <li>• For raising of vegetable nursery of Chilli, Brinjal and Tomato 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.</li> <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>• 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>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>• Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.</li> <li>• Keep regular attention to the cleanliness of birds and sheds.</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>		