



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



No.32/2021

Date: 20/04/2021

5 Days

Significant past weather for the preceding week (Period – 10/04/2021 to 16/04/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 17/04/2021 to 21/04/2021				
14/04	15/04	16/04	17/04	18/04	19/04	20/04		21/04	22/04	23/04	24/04	25/04
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
34	31	31	33.5	35.5	32	31	Maximum temperature (°C)	35	35	36	36	36
24	24	24.5	24	27	27	25	Minimum temperature (°C)	25	26	26	26	26
							Cloud cover (Octa)	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy
87	92	92	89	87	87	89	Relative Humidity Max. (%)	77	69	68	65	65
59	52	62	69	64	56	-	Relative Humidity Min. (%)	29	22	54	56	55
4.2	3.3	3.4	3	3.7	3.8	3.7	Wind speed (Km/hr)	4	4	3	4	4
SSW	ESE	ESE	ESE	SE	ESE	-	Wind direction	S	SSW	S	SSW	SW
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2021 to till dated			Total Rainfall (mm) in last year			
0.0						0.0			3135.2			

**Agro-met Advisory Based on Weather Forecast Prediction**

<b>Weather summary</b>	As per the forecast given by RMC, Mumbai, there is a possibility of increase in Maximum and minimum temperature during 21 <sup>th</sup> to 25 <sup>th</sup> April, 2021. Maximum temperature will remain in between 36 to 35°C and minimum temperature will remain in between 26 °C.  As per Extended range forecast for Konkan division for the period of 28 <sup>th</sup> April to 5 <sup>th</sup> May 2021, Maximum temperature will be remain above normal and minimum temperature will be below normal.
<b>General advisory</b>	If rabi crops have been harvested, take soil sample from the field and test the soil. If the field soil is wet, it should be dried in the shade and then given for testing.
<b>SMS</b>	For new plantation of fruit crop orchard, carried out the planting area clean.

Crop	Stage	Agro-met Advisory
<b>Summer rice</b>	<b>Grain filling</b>	✚ If summer rice is in heading to grain filling. Rice should be irrigated regularly at intervals of 4 to 5 days. As the heat increases, the crop should be given more water as required.
<b>Groundnut</b>	<b>Grain filling</b>	✚ The groundnut crop is in the stage of pod formation to grain filling. Due to increase in evaporation, groundnut crop should be irrigated at intervals of 10 to 12 days as per soil type.
<b>Cowpea</b>	<b>Harvesting</b>	✚ Harvest matured lablab bean, cowpea crop and keep for drying at safe and protective place.
<b>Mango</b>	<b>Flowering to Fruiting</b>	✚ Harvest the mature mango fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat Transport of harvested fruits should be done preferably during night hours. It is likely that the spongy tissue in Alphonso mango fruit will increase due to the rise in temperature. Harvestable fruits should be harvested before 10 in the

		<p>morning and after 4 in the afternoon and kept in the shade to avoid spongy tissue due to heat.</p> <ul style="list-style-type: none"> <li>To decrease fruit drop in mango it is recommended that cover the fruit with paper bags.</li> </ul>
<b>Cashew nut</b>	<b>Harvesting</b>	<ul style="list-style-type: none"> <li>Where the harvestable seed is ready in cashew, harvesting should be done as soon as possible and the seeds should be dried properly in the sun.</li> <li>Newly planted cashew graft should be shade with shade net to protect them from the sun. Large graft of cashew should be given 150-200 liters of water per graft at 15 days interval.</li> <li>Newly planted seedlings are given 30 liters in the first 2 years at intervals of 8 days in summer Water should be given per graft.</li> </ul>
<b>Areca nut</b>	<b>Harvesting</b>	<ul style="list-style-type: none"> <li>Areca nut seedlings should be watered at intervals of 8 to 10 days. Newly planted areca nut graft should be shade with shade net to protect them from the sun.</li> </ul>
<b>Chilli</b>	<b>Flowering to Fruiting</b>	<ul style="list-style-type: none"> <li>To control leaf curl (Bokdya/Churda Murda) and causing insects such as thrips and white flies in chillis, application of Phorate 10 kg per ha. also spraying of Dimethoate 30% EC 1 ml. + Sulphur 2 gm or Mancozeb 2 gm per liters of water is advised.</li> </ul>
<b>Animal husbandry</b>		<ul style="list-style-type: none"> <li>Protect the animals from afternoon heat. Maintain animals shed aerated.</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> <p><b>E-mail: <a href="mailto:kvkkosbad439@gmail.com">kvkkosbad439@gmail.com</a> Contact no. 8552882712</b></p>		

**Source:**

- 1) Weather forecast : Regional Meteorological centre (RMC, Mumbai)
- 2) Last week weather summary : IMD Observatory (Agricultural Research, Station ), Palghar

**Place: Krishi Vigyan Kendra, Palghar**

**Date: 20.04.2021**

**Sd/**  
**Nodal Officer, GKMS-DAMU**  
**Krishi Vigyan Kendra, Palghar**