



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



No.39/2021

Date: 13/05/2021

5 Days

Significant past weather for the preceding week (Period – 07/05/2021 to 13/05/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 14/05/2021 to 18/05/2021				
07/05	08/05	09/05	10/05	11/05	12/05	13/05		14/05	15/05	16/05	17/05	18/05
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	39
31	31.5	31	32.5	30.5			Maximum temperature(°C)	35	36	40	41	35
27	27.5	27	28	26.8			Minimum temperature (°C)	27	28	31	33	28
							Cloud cover (Octa)	cloudy	cloudy	cloudy	cloudy	cloudy
95	83	82	93	71			Relative Humidity Max. (%)	78	70	68	67	88
64	59	56	61	-			Relative Humidity Min. (%)	32	34	32	34	45
5.2	3.6	3.6	4.2	3.7			Wind speed (Km/hr)	2	3	6	25	33
E	ESE	SE	ESE	-			Wind direction	WSW	SSE	NE	E	SSE
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

Weather summary	<p>As per the forecast given by RMC, Mumbai, there is a possibility of increase in Maximum and minimum temperature during 14th to 18th may, 2021. Maximum temperature will remain in between 35 to 41 °C and minimum temperature will remain in between 27 to 33°C. Wind speed may remain in between 25 to 33 KM per hour during next five days.</p> <p>Warning: Light to Moderate rainfall may occur at isolated places on 18th May,2021.</p> <p>As per Extended range forecast for Konkan division for the period of 18th to 22nd may 2021, Maximum temperature will remain above normal and minimum temperature will be below normal.</p>
General advisory	<p>Due to the formation of lowpressure area in the South Arabian Sea on 15th May 2021, winds of 40 to 50 kmph are expected in the coastal areas. Fishermen out in the deep sea are advised to return to coast and not to venture in the deep sea.</p> <p>Give staking to newly planted mango, sapota, cashew, coconut, areca nut and banana trees due to possibility of Light to moderate rainfall at isolated places with increase in wind speed during next five days.</p>
SMS	<p>Spraying of pesticides and application of fertilizers should be postponed as there is a possibility of increasing wind speed at most places during next five days.</p>

Crop	Stage	Agro-met Advisory
summer rice	Harvesting	<p>☀ As per the forecast of Light to moderate rainfall at isolated places on 18th May, 2021, the summer rice should be harvested early in the morning with the help of Vaibhav sickle.</p>
Groundnut	harvesting	<p>☀ As per the forecast of Light to moderate rainfall at isolated places on 18th May, 2021, the summer groundnut should be harvested and keep at safe place.</p>
Dolichos bean	Harvesting	<p>☀ As per the forecast of medium to very heavy rainfall at isolated places on 18th May, 2021, the summer dolichos beans should be harvested and keep</p>

		at safe place.
Banana	Fruiting to harvesting	✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, Give staking to newly planted banana trees.
Mango	Fruiting to harvesting	✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, Harvesting should be done of matured mango fruits and Give staking to newly planted trees.
Sapota	Land preparation	✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, Harvesting should be done of matured Sapota fruits and Give staking to newly planted trees.
cashew nut	Harvesting	✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, Harvesting should be done of matured cashew nut fruits.
jasmine	Harvesting	✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, harvesting of mature flowers should be done and send it to market by grading.
Watermelon	Fruiting to harvesting	✚ Due to forecast of Light to moderate rainfall at isolated places, harvesting of mature Watermelon, Muskmelon should be done.
Chilli	Harvesting	✚ Due to forecast of Light to moderate rainfall at isolated places, harvesting of mature vegetable crops, should be done.
Animal husbandry		✚ As there is a possibility of increasing wind speed at most places during next five days with Light to moderate rainfall at isolated places on 18 th May, 2021, arrangements should be made to build a safe shed and take care.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.

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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: 13.05.2021

Sd/
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Krishi Vigyan Kendra, Palghar