



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



No.07/2021

Date: 22/01/2021

5 Days

Significant past weather for the preceding week (Period – 16/01/2021 to 22/01/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 23/01/2020 to 27/01/2021				
16/01	17/01	18/01	19/01	20/01	21/01	22/01		23/01	24/01	25/01	26/01	27/01
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
28.8	29	29	29	32	31.6	31.2	Maximum temperature (°C)	28	28	27	27	26
19.4	20	20	20.4	20	14.8	15	Minimum temperature (°C)	16	15	15	14	14
							Cloud cover (Octa)	Clear	Clear	Least cloudy	Partly cloudy	Partly cloudy
86	88	90	90	62	73	90	Relative Humidity Max. (%)	48	48	46	44	45
55	56	56	51	37	44	-	Relative Humidity Min. (%)	23	21	21	19	15
2.2	2.3	2.2	2.4	5.2	3.4	2.6	Wind speed (Km/hr)	6	5	6	6	6
ENE	ENE	E	ESE	ESE	SSE	-	Wind direction	NE	NE	ENE	ENE	NE
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 gradually decrease in maximum and minimum temperature during 23 <sup>rd</sup> January to 27 <sup>th</sup> January, 2021. Maximum temperature will remain in between 26 to 28 °C and minimum temperature will remain in between 14 to 16 °C.
<b>General advisory</b>	There is forecast for decrease in minimum temperature, provide irrigation to fruit orchards during evening hours and burn dry leaves and grass around the orchard which help to regulate temperature in the orchard.
<b>SMS</b>	Protect the animals /poultry birds from low temperature by providing curtains around the shade.

Crop	Stage	Agro-met Advisory
Summer rice	Transplanting	✚ For control of weeds in summer paddy crops, Butachlor 50 EC at the rate of 1.5 kg / ha should be mixed in 500 liters of water and sprayed within one week after planting. Before spraying herbicides, drain all the water in the paddy field and refill the field the next day.
chick pea	Flowering	✚ If the soil moisture in the arable chick pea area is very low and it is possible to irrigate, provide irrigation to the chick pea crop as soon as it starts flowering. In medium soil apply second irrigation after 45 to 50 days and third irrigation after 65 to 70 days. Two laps of water are sufficient for heavy soils. For this first irrigation should be given after 30-35 days and second irrigation after 65-70 days.
Banana	Vegetative growth	✚ In the second and fourth month after planting, spray EDTA-Zinc and EDTA-Iron mixed in 50 gm of 10 liters of water each. Also, in the fifth and seventh months, apply zinc sulphate and ferrous sulphate at the rate of 15 gm per plant in the field.

<b>Areca nut</b>	<b>Harvesting</b>	✚ The second dose of fertilizer should be given to the Areca nut crop in the month of January at the rate of 160 g urea 125 g muriate of potash.
<b>Mango</b>	<b>Flowering</b>	✚ After 15 days of third spraying on mango crop, spray with Thimethoxam 25 WG 0.1 gm per liter of water. ✚ There is possibility for anthracnose disease on mango vegetative flush and inflorescence, for protection against anthracnose disease, spray carbendazim 12% + mancozeb 63% combination fungicide @ 10 gm per 10 liter in water.
<b>Black pepper</b>	<b>Harvesting</b>	✚ Harvest the black pepper when one or two seeds of black pepper turn yellow or red, then fill it in a bamboo basket or muslin cloth, soak it in boiling water for one minute and dry it well in the sun for 3 to 4 days.
<b>Jasmine</b>	<b>Vegetative growth</b>	✚ In case of infestation of midge fly on Jasmine flower crop, spray Labdasylothrins 0.5 ml per liter of water. Also, to prevent the spread of Midge fly, yellow sticky traps should be planted in the field at the rate of 25 per acre.
<b>Brinjal</b>	<b>Flowering to fruit formation stage</b>	✚ There is possibility of attack of shoot and fruit borer on the Brinjal crop, apply 10 water trap per acre of area. For the control of fruit sucking pest (hoppers, aphids and white fly), 25-30 yellow sticky traps should apply per acre field.
<b>Watermelon</b>	<b>Vegetative growth</b>	✚ After the watermelon plantation, Khurasani should be planted around the crop to attract honey bees and increase yield. Also 4 traps should be set in the field for control of fruit fly on the crop.
<b>Poultry</b>		✚ Protect the animals /poultry birds from low temperature by providing curtains around the shade.

**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 : 22.01.2021**

**Sd/.**  
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**Krishi Vigyan Kendra, Palghar**