



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



No.16/2021

Date: 23/02/2021

5 Days

Significant past weather for the preceding week (Period – 16/02/2021 to 23/02/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 24/02/2021 to 28/02/2021				
16/02	17/02	19/02	20/02	21/02	22/02	23/02		24/02	25/02	26/02	27/02	28/02
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
							Maximum temperature (°C)	34	35	35	32	33
							Minimum temperature (°C)	22	22	22	21	22
							Cloud cover (Octa)	Clear	Clear	Clear	Clear	Clear
							Relative Humidity Max. (%)	41	44	54	59	54
							Relative Humidity Min. (%)	21	18	22	25	19
							Wind speed (Km/hr)	6	4	3	5	4
							Wind direction	NE	E	ESE	NNE	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 decrease in humidity and increase in temperature during 24 <sup>th</sup> to 28 <sup>th</sup> February, 2021. Maximum temperature will remain in between 32 to 35 °C and minimum temperature will remain in between 21 to 22 °C. Weather will remain clear for next five days.
<b>General advisory</b>	As the temperature rises, the crop should be irrigated with drip or sprinkler irrigation as required. The filtration system of drip irrigation system should always be kept clean and efficient. Fertilizer system, pressure gauge, water meter and main pump should be checked regularly. Drip losses should be cleaned once a month.
<b>SMS</b>	As the temperature rises, using grass or plastic mulching in summer vegetables, fruit crops and nurseries can save water.

Crop	Stage	Agro-met Advisory
<b>Summer groundnut</b>	<b>Branching</b>	✚ To keep groundnut crop weed free for 45 days, two weeding should be done at intervals of 15 to 20 days and two harrowing should be done at intervals of 10 to 12 days. No intercropping work should be done after 35 to 40 days after the branches starts to emerge. Only large weeds should be uprooted to increase the feeding rate of legumes.
<b>Banana</b>	<b>Vegetative growth</b>	✚ As the temperature rises during the February month, Banana orchards should be given 9 to 11 liters of water per plant per day for 5 to 9 months after planting through drip irrigation method.
<b>Coconut</b>	<b>Vegetative growth</b>	✚ Due to increase in maximum temperature provide irrigation to coconut and areca nut crop interval of 4 to 5 days by ring method.
<b>Mango</b>	<b>Fruiting</b>	✚ To protect the mango fruit from fruit flies, the recommended " Fruit Trap" at the rate of 4 per hectare should be hung on the lower branch of the tree in the orchard.

<b>Sapota</b>	<b>Flowering to fruit formation stage</b>	✚ To protect the mango fruit from fruit flies, the recommended " Fruit Trap" at the rate of 4 per hectare should be hung on the lower branch of the tree in the orchard. Destroy the damaged fruits in proper way to avoid disease infestation.
<b>Watermelon</b>	<b>Fruiting</b>	✚ In order to control the infestation of fruit flies in watermelon crop, fruit fly traps should be applied at the rate of four per hectare and insect infested fruits should be burnt or buried in deep pits.
<b>Cabbage</b>	<b>Vegetative growth</b>	✚ As the roots of cabbage crops are shallow, irrigation should be done regularly. The flowers remain small if water stress occurs during the formation of flowers. After replanting, keep the soil humus free and weed free by one or two weeding.
<b>Chilli</b>	<b>Vegetative growth g</b>	✚ Due to rising temperature, water the chilli crop at intervals of 4 to 5 days. After transplanting of chilli crop, the field should be kept free from weeds and 3 to 4 weeding should be done so that the crop does not affected by leaf curl disease.
<b>Cucurbitaceous crops</b>	<b>Vegetative growth</b>	✚ In the early stages of transplantation, the prevalence of aphids, thrips, whiteflies and cobras is high. For control of these insects, 5% neem extract or azadirachtin (300 ppm) 5 ml. at this rate per liter of water. In case of seedling collapse, 3 g of copper oxychloride (50 WP) or 3 g of Metalaxyl + Mancozeb (64 WP) per liter of water should be drenching near the seedlings.
<b>Animal husbandry</b>		✚ To protect animals from rising heat and control body temperature, cover the shed with grass and paint it white if it has a ironed roof. also the animals should be provided shade in the afternoon and tied in the open air at night.
<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>E-mail: <a href="mailto:kvkkosbad439@gmail.com">kvkkosbad439@gmail.com</a> <span style="float: right;">Contact no. 8552882712</span></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 : 23.02.2021**

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