



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



No.23/2021

Date: 19/03/2021

5 Days

Significant past weather for the preceding week (Period – 13/03/2021 to 19/03/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 20/03/2021 to 24/03/2021				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
							Maximum temperature (°C)	34	35	35	36	36
							Minimum temperature (°C)	23	23	25	27	27
							Cloud cover (Octa)	Clear	Least cloudy	Least cloudy	Least cloudy	Least cloudy
							Relative Humidity Max. (%)	56	62	46	42	40
							Relative Humidity Min. (%)	20	20	18	20	20
							Wind speed (Km/hr)	3	3	3	6	6
							Wind direction	SW	WSW	SE	ENE	E
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	As per the forecast given by RMC, Mumbai, there is a possibility of increase in temperature during 20 th to 24 th March, 2021. Maximum temperature will remain in between 34 to 36 °C and minimum temperature will remain in between 23 to 27 °C. Weather will remain least for next five days.
General advisory	As the maximum temperature is likely to increase by an average of 2-3 degrees Celsius between 19 th to 25 th March 2021 as per the extended range weather forecast, provide regular irrigation to summer fruit and vegetable crops.
SMS	Crops should be monitored for the next five days as the weather is least cloudy and there is a possibility of pests and diseases.

Crop	Stage	Agro-met Advisory
Chick pea	Harvesting and Storage	✚ Only after the ghats have dried hard should the gram be harvested and threshed. After threshing dry it for six to seven days. To protect from storage pest, apply neem leaves (5%) in it.
Summer groundnut	Branching	✚ For control of Thrips and hoppers attack on summer groundnuts, 10 ml of Dematone 15% solution in 10 liters of water should be sprayed.
Sapota	Vegetative growth	✚ After planting of sapota plants, new shoots on the rootstock should be removed regularly. Regular irrigation is required from planting. For the first three years after planting, the flowers on the cuttings should be uprooted, and after three to four years, the branches should be removed from the ground at a height of two to three feet.
Banana	Flowering to fruiting	✚ At the beginning of summer season, to Protect the banana bunches from the sun we covered it by bags and it gives a place to hide thrips so bunch should be monitored regularly. Care should be taken to keep the sun and air in the orchard. Keep the orchard weed free and clean. Cut down the remnants of the trees and destroy them. After removing the whole stalks, chop the bananas and destroy them. If excessive incidence of thrips found, spray acetamiprid (20 SP) 0.125 gram or Verticillium lecani 3 gram or azadirachtin (1500 ppm) 5 ml per liter of water is mixed with 1 ml sticker

		with pesticide solution.
Areca nut	Vegetative growth	⚡ Due to forecast for increase in temperature, provide irrigation to areca nut orchard at 5-6 days interval and cover areca nut branch by grasses or leaves of areca nut tree to protect from sun rays.
Mango	fruiting	⚡ For controlling the fruit fly on mango fruit crop, one acre 4 fruit fly traps should be planted in the orchard. Collect all dropped fruits in the orchard and destroy it in proper way.
Black pepper	Flowering to fruiting	⚡ Due to decrease in humidity and increase in temperature Pepper vines should be irrigated by interval of 4 to 6 days.
Cucurbitaceous vegetables	Vegetative growth	⚡ Due to cloudy weather, there is a possibility of Downey mildew disease on the cucurbitaceous crop, so the affected leaves fall off and fall off. Diseased vines promote to decrease in flowers and gives small fruits. Their quality is low and unsustainable. The vines dry quickly. The result was a big drop in production. Diseased leaves should be removed and destroyed as soon as symptoms appear. Spray Macozeb (75 WP) or Copper Oxychloride (50 WP) at 2.5 gm per litter of water.
Chili	Flowering	⚡ Spray 20 ppm N.A.A. growth regulator to prevent flower dropping of chilli crop in flowering stage.
Okra	Flowering	⚡ There is possibility of incidence of aphids and shoot and fruit borer on okra, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Cypermethrin 25% EC @3 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 litter of water. Also install pheromone traps into field for monitoring pest.
Animal husbandry		⚡ Provide clean, hygienic and plenty amount of water to farm animals. There is possibility of increase in temperature during day hence protect the farm animals from heat.

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: 19.03.2021

Sd./
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