



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



No.03/2021

Date: 08/01/2021

5 Days

Significant past weather for the preceding week (Period – 02/01/2021 to 08/01/2021)							Weather Parameters	Weather forecast from 08.30 hrs of 09/01/2021 to 13/01/2021				
02/01	03/01	04/01	05/01	06/01	07/01	08/01		09/01	10/01	11/01	12/01	13/01
0	0	0	0	0	0	0	Rainfall (mm)	12	2	1	0	0
30	28	28	29.2	28.4	30	31	Maximum temperature (°C)	26	27	28	29	29
21	20	20.2	20	19	19	19	Minimum temperature (°C)	22	23	23	24	24
							Cloud cover (Octa)	Partly cloudy	Very cloudy	Partly cloudy	Partly cloudy	Very cloudy
86	72	56	41	79	68	86	Relative Humidity Max. (%)	76	73	70	60	55
70	56	56	67	53	58	-	Relative Humidity Min. (%)	48	44	45	32	33
2.6	2.9	5.7	3	6	6.1	4.5	Wind speed (Km/hr)	8	6	6	7	6
E	E	E	E	ENE	ENE	-	Wind direction	NE	NE	NE	NE	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

Weather summary	As per the forecast given by RMC, Mumbai, there is a possibility of very light to light rainfall may occurred at isolated places during 9 th January to 11 th January, 2020. Also, Sky may remain cloudy during next five days.
General advisory	Due to the possibility of very light to light rain at isolated places, during 9 th January to 11 th January, 2020, Therefore, harvest matured vegetables and fruits. Also spraying of pesticides and insecticides should be done in clear weather.
SMS	Due to the possibility of very light to light rain at isolated places, during 9 th January to 11 th January, 2020, protect fodder from rainfall by covering it or keep at safe place.

Crop	Stage	Agro-met Advisory
Red gram	Harvesting stage	☀️ There is a possibility of very light to light rainfall may occurred during 9 th January to 11 th January, 2020, harvest red gram crop and keep at safe place.
Lablab bean	Flowering to fruit formation stage	☀️ If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liters of water.
Chickpea	Flowering stage	☀️ To control pod borer attack in chickpea crop, spray 5% neem oil or quinalphos 2 ml per liter of water.
Mango	flower bud initiation	☀️ To protect the inflorescence from hoppers, thrips and powdery mildew diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml per 10 liter in water at the time of flower bud initiation as a second spray of mango blossom protection schedule. • To protect the inflorescence from hoppers, midge fly, thrips and powdery mildew diseases, As blossom protection schedule for mango crop, take a third spray of Imidacloprid

		17.8% SL @ 6 ml per 10 lit. of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease
Sapota	Harvesting	✚ There is a possibility of very light to light rainfall may occurred during 9 th January to 11 th January, 2020, harvest sapota fruits and keep at safe place.
Cashew	Flowering	✚ There is possibility of incidence of tea mosquito bugs on the inflorescence of cashew nut, this pest can suck juice from flowers and let it dry. To protect the cashew inflorescence, spray Profenofos 50% EC @10 ml per 10 lit. of water.
Coconut	Vegetative growth	✚ If the effects of spiralling white fly on coconut appear, then or 50 ml Neem oil / karanj oil per 10 liters of water. For the protection from black fungus Spray 20 grams starch per 10 liters of water.
Jasmine	Vegetative growth	✚ Apply pruning to jasmine crop then spray 1% Bordeaux mixture after pruning or apply Bordeaux paste on cut branches. It will help to rise to growth in flower production.
Cucumber	Flowering to fruit formation stage	✚ Possibility of incidence of powdery mildew disease on Bitter guard, Cucumber and ridge guard crop due to cloudy weather. To control powdery mildew disease, spray 2gram soluble sulfur in per liter of water.
Tomato	Flowering to fruit formation stage	✚ Possibility of incidence of powdery mildew disease on Tomato, Chilli and Brinjal crop due to cloudy weather. To control this disease, spray 2gram soluble sulfur in per liter of water.
Chilli	Flowering to fruit formation stage	✚ For the control of fruit fly Apply 4-5 fruit fly traps per acre, in the chilli, tomato and brinjal crops.
Cabbage		✚ Due to the cloudy weather, Cabbage crop is likely to be affected by anthracnose disease, to control of it spray 2.5 gram of Copper oxychloride per 10 liters of water.

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

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Sd/.
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