



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



No. 87/2020

Date: 29/10/2020

5 Days

Significant past weather for the preceding week (Period – 23/10/2020 to 29/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 30/10/2020 to 03/11/2020				
23/10	24/10	25/10	26/10	27/10	28/10	29/10		30/10	31/10	01/11	02/11	03/11
2.6	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
32.2	32.4	31.5	32	31	34.6	32.6	Maximum temperature (°C)	34	35	34	35	35
24.5	23.5	23.5	24	21.5	21.4	21	Minimum temperature (°C)	23	23	24	23	23
							Cloud cover (Octa)	0	1	1	0	0
92	92	92	93	65	63	84	Relative Humidity Max. (%)	67	65	59	59	51
75	82	76	79	54	56	-	Relative Humidity Min. (%)	39	40	35	37	30
2.7	1.8	2	2.3	2.5	2.9		Wind speed (Km/hr)	4	4	7	8	8
N	SE	SE	WSW	S	SW	NNE	Wind direction	ENE	ENE	ENE	NE	NE
Rainfall (mm) in last week					Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year				
2.6					3120.2			4233.4				

Agro-met Advisory Based on Weather Forecast Prediction

Crop	Stage	Agro-met Advisory
Weather summary		<ul style="list-style-type: none"> As per the forecast given by RMC, Mumbai, there is possibility of increase in maximum temperature during 30th October to 03 November, 2020.
General advisory		<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to grafts, sapling of fruit crops and vegetable nursery regularly. Always wear the proper cloths and face mask, while spraying pesticides and fungicide on the crop, never spray in the opposite direction to the wind.
Kharif Rice	Maturity to harvesting	<ul style="list-style-type: none"> Harvest matured mid late rice varieties in morning hours by using reaper, to reduce time and efforts of labor. threshed grains should be sun dry for 2 to 3 days before storage and drain out water from the field where late rice varieties are in maturity stage.
Finger millet	Harvesting	<ul style="list-style-type: none"> Complete harvesting of matured finger millet in the morning hours and immediately collect at safe place then threshed.
Chick peas	Sowing	<ul style="list-style-type: none"> For cultivation of chick peas on residual moisture, first spray glyphosate 5 ml per liter of water immediately after harvest of rice crop to control weeds and then sow the chick peas by applying 2 gms of Thairam or 5 gms of Trichoderma on the seeds.
Dolichos bean	Sowing	<ul style="list-style-type: none"> For cultivation of lablab bean on residual moisture, first spray glyphosate 5 ml per liter of water immediately after harvest of rice crop to control weeds and then sow dolichos bean at a spacing of 30 x 15 cm by dibbling without disturbing soil by any tillage operation.
Mango	Flush	<ul style="list-style-type: none"> There is a possibility for incidence of anthracnose on new flush of mango if incidence is noticed spray 1% Bordeaux mixture or 0.25% copper oxychloride 25 gm or 0.1% carbendazim 10 gm per 10 liters of water.
Coconut	Vegetative development	<ul style="list-style-type: none"> There is a possibility of increase in maximum temperature, hence provide irrigation to coconut orchard at 7 to 8 days interval also use straw mulch or black polythene mulch around tree.

Banana	Vegetative development	<ul style="list-style-type: none"> Remove extra suckers come from its trunk. while the growing of banana crop. Due to this process, the main crop grows fast and the bunch of bananas grows well. Due to increase in maximum temperature, hence provide irrigation to banana orchard at 7-8 days interval also use straw mulch or black polythene mulch around tree.
Black Pepper	Fruit formation	<ul style="list-style-type: none"> There is a possibility of increase in temperature, provide irrigation to spice orchard at 7-8 days gap.
Vegetables/ Fruit crop nursery	Nursery	<ul style="list-style-type: none"> If incidence of leaf eating caterpillar, white fly, hoppers and aphids is noticed on vegetable crops nursery, spray malathion 20 ml or dimethoate 15 ml per 10 liters of water at 10 to 15 days interval. Due to increase in maximum temperature, hence provide irrigation to grafts, sapling of fruits and vegetable nursery regularly.
Milch Animals/ Goat /Poultry		<ul style="list-style-type: none"> There is a possibility of increase in temperature, hence provide clean and hygienic drinking water to farm animals and poultry birds.
<p align="center">This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.</p> <p>E-mail: kvkkosbad439@gmail.com Contact no. 8552882712</p>		

Source:

- 1) **Weather forecast** : Regional Meteorological centre (RMC, Mumbai)
- 2) **Last week weather summary** : IMD Observatory (Rice Research, Centre), Palghar

Place : Krishi Vigyan Kendra, Palghar

Date : 29.10.2020

Sd/.
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