



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



No.95/2020

Date: 27/11/2020

5 Days

Significant past weather for the preceding week (Period – 21/11/2020 to 27/11/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 28/11/2020 to 02/12/2020				
21/11	22/11	23/11	24/11	25/11	26/11	27/11		28/11	29/11	30/11	01/12	02/12
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
							Maximum temperature (°C)	33	32	33	34	34
							Minimum temperature (°C)	21	22	23	23	22
							Cloud cover (Octa)	1	1	1	3	4
							Relative Humidity Max. (%)	47	64	69	63	57
							Relative Humidity Min. (%)	32	40	45	39	33
							Wind speed (Km/hr)	12	7	5	6	8
							Wind direction	NE	NE	ENE	E	E
Rainfall (mm) in last week					Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year				
0.0					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 maximum temperature remain between 32 to 34 °C and minimum temperature remains in between 21 to 23 °C during 28th November to 2nd December, 2020. There is possibility of sky remains slightly cloudy on 1st and 2nd December, 2020.
General advisory		<ul style="list-style-type: none"> There is possibility of wind speed remains between 5 to 12 KM per hour during 28th November, to 2nd December 2020, so give proper staking to newly planted fruit crops like Mango, Sapota, Cashew, Coconut, Arecanut orchard and vegetable crops.
Chick pea	Vegetative development	<ul style="list-style-type: none"> Due to increase in maximum temperature during next five days farmers should apply irrigation to chickpea crop and keep field Weed free during the first 30 to 45 days is essential for vigorous growth of the crop. Weed management increases the total production by 20.74 per cent. The first weeding should be done when the crop is 20 to 25 days old and the second weeding should be done when the crop is 30 to 35 days old. Hoeing reduces the rate of evaporation in the soil and helps to keep the moisture longer. Also, weeds in two rows are removed and carried out earthing up to the seedlings.
Lablab beans	Vegetative growth	<ul style="list-style-type: none"> If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 litters of water.
Banana	Vegetative growth	<ul style="list-style-type: none"> If the effects of Sigatoka disease on banana crop remove diseased leaves or diseased parts of leaves from orchard and destroyed well at out of the orchard. To eradicate the disease, spray propiconazole (25 EC) at the rate of 1 ml per liter of water.
Mango	Vegetative growth	<ul style="list-style-type: none"> There is possibility for incidence of mango hoppers at the time of flower bud initiation on Mango, spray Lambda cyhaothrin 5%EC @ 6 ml per 10 litters of water.

Coconut	Vegetative growth	<ul style="list-style-type: none"> If the effects of spiraling 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.
Sapota	Fruit formation	<ul style="list-style-type: none"> To control seed borer pest in sapota fruits, collect all the infected and fallen fruits in orchard and burnt. Also spray 50% liquid Profenofos 15 ml. 2.8% deltamethrin 10 ml. per 10 liters of water
White jamun	Fruit formation	<ul style="list-style-type: none"> If fruit fly appears in White jamun during fruit forming stage, 4 Fruit fly traps should keep per acre of area.
Cucurbitaceous vegetable	Vegetative growth	<ul style="list-style-type: none"> If incidence of Downey mildew disease observed on Bitter guard, Bottol guard and Cucumber, spray 1 gram of Carbendazim or 1 gram of Belatron per liter of water. Further spraying should be done at intervals of 10 to 15 days as required.
Chilli	Vegetative growth	<ul style="list-style-type: none"> There is possibility of incidence of leaf curl disease in Chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For control of disease spray dimethoate 30%EC 10 ml + Sulphur or mancozeb 20gms per 10 liters of water at 10-15 days interval.
Cabbage	Vegetative growth	<ul style="list-style-type: none"> After planting, weeds should be removed and keep field weed free, irrigate the crop at intervals of 8 to 10 days as per the soil conditions.
Okra	Vegetative development	<ul style="list-style-type: none"> Thinning should be done after 2-3 weeks of planting and also apply phorate (10G) 10 kg per hector 10-15 days after sowing to prevent infestation of sucking pest on Okra crop.
Animal husbandry		<ul style="list-style-type: none"> As the cold weather increases, the animal shed should be kept dry and care should be taken not to collect animal dung and urine in the shed.
<p>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 : 27.11.2020

Sd/
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Krishi Vigyan Kendra, Palghar