



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



No.97/2020

Date: 04/12/2020

5 Days

Significant past weather for the preceding week (Period – 28/11/2020 to 04/12/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 05/11/2020 to 09/12/2020				
28/11	29/11	30/11	01/12	02/12	03/12	04/12		05/12	06/12	07/12	08/12	09/12
0	0	0	0				Rainfall (mm)	0	0	0	0	0
31.8	31.5	33	33				Maximum temperature (°C)	34	34	33	34	35
20	20	23	20				Minimum temperature (°C)	22	22	22	24	24
							Cloud cover (Octa)	2	3	7	7	7
58	78	86	85				Relative Humidity Max. (%)	52	43	43	44	46
36	46	48					Relative Humidity Min. (%)	26	22	20	25	23
5.1	4	2.9	3.4				Wind speed (Km/hr)	6	8	8	9	7
SW	N	S	SSE				Wind direction	ENE	E	E	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 increase maximum temperature and wind speed during 5th to 9th December, 2020, and sky remains cloudy during 7th to 9th December, 2020.
General advisory		<ul style="list-style-type: none"> Due to forecast of increasing wind speed during next five days Farmers should spray insecticide and pesticide in the evening when wind speed is slow, and take care of yourself using the protective tools while spraying.
Chick pea	Vegetative development	<ul style="list-style-type: none"> Due to forecast of increasing maximum temperature and cloudy weather condition during next five days If incidence of pod borer is found 5 pheromone traps and bird perches should be applied in a per hector of area.
Lablab Bean	Vegetative development	<ul style="list-style-type: none"> If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liters of water.
Cashew nut	inflorescence stage	<ul style="list-style-type: none"> Due to cloudy weather condition, there is possibility of incidence of tea mosquito bugs on the inflorescence of cashew nut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liters of water.
Mango	inflorescence stage	<ul style="list-style-type: none"> Due to forecast of cloudy weather, there is possibility of incidence of hoppers and powdery mildew disease on vegetative flush of mango. for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10gm per 10 liters in water. Spraying should be done according to the pesticide schedule so that the insect repellent ability to resist will not increase in the pest.
Coconut	Vegetative growth	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut and areca nut tree plant orchard at 7-8 days interval.

Sapota	Vegetative growth	<ul style="list-style-type: none"> • Due to increase in maximum temperature, provide irrigation to Sapota tree plant orchard at 7-8 days interval.
Flower crops	Transplanting	<ul style="list-style-type: none"> • If seedlings of marigold crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. Apply fertilizer dose of 4-6 ton of FYM/Compost, 43 kg urea, 125 kg SSP and 33 kg of MOP per acre at the time of transplanting. Select healthy seedlings on 15-20 cm height with 5-6 leaves and dip the seedling for 5 minutes in Dimethoate solution @ 1.5ml per liter of water and 50 % Carbendazim @ 1 gm per liter of water before transplanting. Provide irrigation immediately after transplanting.
Cucurbitaceous vegetable	Vegetative growth	<ul style="list-style-type: none"> • Due to cloudy weather condition, there is possibility of incidence of powdery mildew disease on cucumber, snake gourd, bitter gourd, ridge gourd, bottle gourd, pumpkin cucurbitaceous vegetable crops, if incidence is noticed spray Carbendazim @ 5 gm or Zineb @ 20 gms per 10 liters of water.
Tomato	Vegetative growth	<ul style="list-style-type: none"> • After 30-55 days of transplanting of Tomato crop plants, when branches growing well provide them support of bamboo and wire. Placed the wooden bamboo beside 6 to 9 feet of crop ridges. On the 1 meters of land from the ground, you should pull wire on the pillars and tight and base in bomb. After the 30 to 45 days of cultivation provide earthing up to crop plants, airted climate helps to growth of plant and roots. Be careful that the tree will not be covered completely in the soil while earthing up.
Cabbage	Vegetative growth	<ul style="list-style-type: none"> • Due to cloudy weather condition Leaf spot and blight diseases may affect cabbage crops. To control these diseases spray Mancozeb or Copper Oxychloride 2.5 gm plus sticker in 1 ml per liter of water.
Okra	Vegetative development	<ul style="list-style-type: none"> • For the control of fruit sucking pest (hoppers, aphids and white fly) in okra crop, 25-30 yellow sticky traps should be apply per acre field.
Animal husbandry		<ul style="list-style-type: none"> • Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need. • Provide warm, clean and hygienic drinking water to farm animals.
<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>		
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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 : 04.12.2020

Sd/.
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