



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



No. 84/2020

Date: 20/10/2020

5 Days

Significant past weather for the preceding week (Period – 14/10/2020 to 20/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 21/10/2020 to 25/10/2020				
14/10	15/10	16/10	17/10	18/10	19/10	20/10		21/10	22/10	23/10	24/10	25/10
0.0	9.6	29.4	0.0	0.0	0.0	16.2	Rainfall (mm)	20	23	11	5	0
31	31.5	31.2	32.8	31.5	31	32.1	Maximum temperature (°C)	33	34	35	35	35
25.5	25	24.6	25	25	25	24.6	Minimum temperature (°C)	27	27	26	26	27
							Cloud cover (Octa)	5	7	6	4	3
90	92	92	77	87	92	93	Relative Humidity Max. (%)	91	87	85	80	76
78	79	66	69	71	85	-	Relative Humidity Min. (%)	69	69	60	49	43
1.8	1.9	3.3	3.6	4	2.8	1.9	Wind speed (Km/hr)	2	4	4	5	4
ESE	NNW	SSW	WNW	N	E	ESE	Wind direction	E	ENE	ENE	E	E
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year			
55.2						3117.6			4233.4			

Agro-met Advisory Based on Weather Forecast Prediction

Crop	Stage	Agro-met Advisory
Weather summary/ Alert		<ul style="list-style-type: none"> As per the forecast given by RMC, Mumbai, there is possibility of light to moderate rainfall on 21st and 22nd October and very light to light rainfall during 23rd to 25th October, 2020. Maximum temperature may increase during next five days. Extended range rainfall forecast for Konkan division for the period of 23rd to 29th October, 2020 is above normal.
General advisory		<ul style="list-style-type: none"> There is a possibility of light to moderate rainfall may occurred at isolated places on 21st and 22nd October. hence by observing rainfall situation farmers should not kept harvested matured early rice crop on the field.
Kharif Rice	Grain filling to harvesting stage	<ul style="list-style-type: none"> Due to the possibility of light to moderate rainfall may occurred at isolated places on 21st and 22nd October. hence by observing rainfall situation harvest matured early rice varieties in morning hours by using reaper, to reduce time and efforts of labor.
Finger millet	Grain filling to harvesting stage	<ul style="list-style-type: none"> Due to the possibility of light to moderate rainfall may occurred at isolated places on 21st and 22nd October. hence by observing rainfall situation matured finger millet should be harvested in the morning hours and immediately collect at safe place and threshed.
Mango	Flush	<ul style="list-style-type: none"> Due to increase in temperature and humidity there is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liters of water.

Sapota	Vegetative development	<ul style="list-style-type: none"> In high density orchard, carryout pruning operation, it includes de topping, pruning of cross branches and removing of dead wood. And carryout centre opening operation which increase penetration of sunlight and result in increase in flowering and developed fruit quality.
Cashew nut	Flush	<ul style="list-style-type: none"> Due to increase in temperature there is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashew nut, it may suck the new flush of trees. Hence to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.
Banana	Vegetative development	<ul style="list-style-type: none"> 30 days after planting, apply 82 g urea, 250 g single super phosphate and 83 g muriate of potash per plant of banana crop using ring method by observing clear weather.
Black Pepper	Fruit formation	<ul style="list-style-type: none"> To increase the yield of black pepper, spray 25% of cow urine stored for eight days in the month of October on each pepper vine and apply 25% of same solution in the soil of each vine.
Vegetables	Nursery sowing	<ul style="list-style-type: none"> Seedlings of chilli, brinjal and tomato vegetables should be given 50 gm urea after 15 days for vigorous growth of seedlings in the nursery.
<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 : 20.10.2020

Sd/
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Krishi Vigyan Kendra, Palghar