



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



No. 83/2020

Date: 16/10/2020

5 Days

Significant past weather for the preceding week (Period – 10/10/2020 to 16/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 17/10/2020 to 21/10/2020					
10/10	11/10	12/10	13/10	14/10	15/10	16/10		17/10	18/10	19/10	20/10	21/10	
0.0	0.0	0.0	0.0	0.0	9.6	29.4	Rainfall (mm)	17	5	6	8	9	
32	31.5	31.5	31.8	31	31.5	31.2	Maximum temperature (°C)	32	30	31	31	31	
25	25	25	25.5	25.5	25	24.6	Minimum temperature (°C)	25	26	26	26	26	
							Cloud cover (Octa)	6	8	7	7	8	
92	92	19	87	90	92	92	Relative Humidity Max. (%)	91	91	94	94	93	
85	86	76	78	78	79	-	Relative Humidity Min. (%)	67	70	71	73	76	
2.4	2.2	1.4	1.6	1.8	1.9	3.3	Wind speed (Km/hr)	5	6	6	4	3	
S	NNW	SSE	NNE	ESE	NNW	SSW	Wind direction	ESE	SE	SSE	SSE	SSE	
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year				
39.0						3101.4			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 17th October and very light to light rainfall during 18th to 21st October, 2020. Humidity may increase and sky may remain cloudy 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 17th 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 very light to light rainfall during 18th to 21st October, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and follow immediate threshing, the threshed grains should be sun dry for 2 to 3 days before storage. And drain out water from the field where mid-late rice varieties are in maturity stage 8-10 days before harvesting. Due to forecast of intermittent rainfall and cloudy weather and humid condition during next five days will cause for incidence of brown plant hopper in lowline late rice field where stagnation of water is observed also dense planting and field of heavy dose of nitrogen fertilizers application, hence observe crop regularly for infestation of pest. If incidence of brown plant hopper is observed above threshold level (5-10 hopper/hill), spray Thiomethoxam 25%WG @ 2 gms or Acephate 75%WP @ 22.5 g per 10 liters of water during clear

		weather (no rainfall). Make provision for replacing stagnated water with fresh water for every 2-3 days. Precaution should be taken to spray the insecticide on stem of rice plant.
Finger millet	Grain filling to harvesting stage	<ul style="list-style-type: none"> • Due to the possibility of very light to light rainfall during 18th to 21st October, hence by observing rainfall situation matured finger millet should be harvested in the morning hours and immediately collect at safe place and threshed.
Floriculture	Harvesting	<ul style="list-style-type: none"> • Due to moderate to heavy rainfall occurred in the last few days, arrangements should be made for drainage of excess water in the flower crop area.
Sapota	Vegetative development	<ul style="list-style-type: none"> • Due to moderate to heavy rainfall with strong winds in the last few days, broken branches of Sapota, Mango, Cashew and Papaya fallen fruits and leaves should be removed and drainage should be arranged if excess water is stored in the orchard.
Banana	Vegetative development	<ul style="list-style-type: none"> • Due to moderate to heavy rainfall with strong winds in the last few days, hence remove weeds and diseased leaves from newly planted banana orchards and carried out earthing up to the plants. Management should be done for drain out excess water from field.
Vegetables	Nursery sowing	<ul style="list-style-type: none"> • Due to moderate to heavy rainfall with strong winds in the last few days, hence Management should be done for drain out excess water from vegetable nursery.
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<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 : 16.10.2020

Sd/
Nodal Officer, GKMS-DAMU
Krishi Vigyan Kendra, Palghar