



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



No. 77/2020

Date: 25/09/2020

Duration – 5 days

Significant past weather for the preceding week (Period – 19/09/2020 to 25/09/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 26/09/2020 to 30/09/2020				
19/09	20/09	21/09	22/09	23/09	24/09	25/09		26/09	27/09	28/09	29/09	30/09
16.4	14.4	0.0	8.6	112.4	4.8	8.6	Rainfall (mm)	20	4	3	3	9
30	30.5	31.6	31	31	29	30.2	Maximum temperature (°C)	32	32	33	33	32
17.6	16.6	16.4	16	16	16.2	18	Minimum temperature (°C)	26	25	25	25	25
-	-	-	-	-	-	-	Cloud cover (Octa)	7	6	5	4	7
95	96	92	93	95	93	95	Relative Humidity Max. (%)	93	92	92	91	91
78	73	85	80	90	95	-	Relative Humidity Min. (%)	83	72	69	67	70
1.5	1.4	2.1	2.2	2.1	2	2.7	Wind speed (Km/hr)	6	4	4	2	3
NNW	S	SE	SE	ESE	ENE	ENE	Wind direction	SW	SE	SE	SE	S
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year			
165.2						3054.4			4233.4			

Agro-met Advisory

There is possibility of light rainfall from 26th to 30th September, 2020.

Extended range rainfall forecast for Konkan division for the period of 2nd to 8th October, 2020 is below normal. According to SPI, moderate wet condition experienced in Palghar during 27th August to 23rd September, 2020.

Crop	Stage	Agro-met Advisory
General advisory		<ul style="list-style-type: none"> There is forecast of light rainfall may occurred during next five days, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and kept immediately at safe place.
Kharif Rice	Panicle initiation to harvesting stage	<ul style="list-style-type: none"> There is forecast of light rainfall may occurred during next five days, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and kept immediately at safe place. Due to intermittent light rainfall and cloudy weather condition, there is possibility of incidence of rice ear head bug where early rice varieties are in grain filling to maturity stage. If incidence of rice ear head bug is observed above threshold level (adult /hill), dust Chlorpyrifos 1.5% DP powder @ 8 kg per acre during evening hours or in early morning when wind blows calm or spray Lambda cyhalothrin 5%EC @ 5 ml or Deltamethrin 2.8%EC @ 9 ml per 10 liters of water during clear weather (no rainfall). Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease on rice. If incidence is noticed, spray Tricyclazole 75%WP@ carbendazim 10 gm per 10 liters of water.
Finger millet	Panicle initiation stage	<ul style="list-style-type: none"> Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease on finger millet crop. If incidence is noticed, spray Tricyclazole 75%WP@ or carbendazim 10 gm per 10 liters of water.
Sapota	Fruit formation	<ul style="list-style-type: none"> Due to heavy to very heavy rainfall was occurred at scattered places in last week, hence lots of fruits have dropped so collect and destroy all dropped and infected fruits from sapota orchard, for control the fungal fruit drop disease, spray 64% Mancozeb or Metalaxyl on to entire tree.
Cashew nut	Vegetative development	<ul style="list-style-type: none"> Due to increase in temperature and humidity there is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashew nut to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.

Areca nut	Vegetative development	<ul style="list-style-type: none"> • Clean areca nut orchard by removing all dried leaves and other dead waste to maintain good sanitation. Due to cloudy and humid weather condition, there is possibility for incidence of koleroga disease in areca nut orchard. To protect palm from fungal discase, spray of 1% bordomixture or 0.375% Copper oxychloride @ 37 per 10 litters of water on to crown region.
Banana	Vegetative development	<ul style="list-style-type: none"> • Due to heavy to extremely heavy rainfall has occurred in last week, if the banana orchard is stagnant, proper arrangements should be made for drainage of excess water. Remove fallen fruits and leaves and dispose of them properly and keep the bunds weed free. • There is a possibility of banana crop may affected by Sigatoka disease so As soon as the initial symptoms appear, spray Carbendazim or Balatron 1 gm per liter of water.
Cucurbitaceae Vegetables	Harvesting stage	<ul style="list-style-type: none"> • There is possibility of cloudy weather condition during next five days, Cucurbitaceae crop may be affected by downy mildew disease, spray carbendazim 10 gm in 10 liters of water.
Poultry		<ul style="list-style-type: none"> • For boiler poultry bird 1st three week provide boiler starter and 4 to 6week old bird provide boiler finisher as per their daily requirement, also for reducing the cholesterol content, feed the birds with 1.5% black jeera powder or 0.5% turmeric powder or 1% ginger powder along with feed. Protect the poultry birds from rain.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of Krishi Vigyan Kendra, Kosbad Hill.