



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



No. 79/2020

Date: 01/10/2020

Duration – 5 days

Significant past weather for the preceding week (Period – 25/09/2020 to 01/10/2020)							Weather Parameters	Weather forecast from 08.30 hrs of 02/10/2020 to 06/10/2020				
25/09	26/09	27/09	28/09	29/09	30/09	01/10		02/10	03/10	04/10	05/10	06/10
8.6	6.4	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	8	10	18	7	2
30.2							Maximum temperature (°C)	33	33	33	33	34
18							Minimum temperature (°C)	26	26	26	26	27
-							Cloud cover (Octa)	5	6	4	3	3
95							Relative Humidity Max. (%)	92	91	94	94	95
-							Relative Humidity Min. (%)	72	70	68	68	72
2.7							Wind speed (Km/hr)	3	3	7	4	4
ENE							Wind direction	S	S	W	S	S
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2020 to till dated			Total Rainfall (mm) in last year			
15.0						3060.8			4233.4			

Agro-met Advisory

As per the forecast given by RMC, Mumbai, there is possibility of light to moderate rainfall at isolated places during 2nd to 6th October, 2020. Temperature and humidity may increase during next five days.

Extended range rainfall forecast for Konkan division for the period of 9th to 15th October, 2020 is below normal.

Crop	Stage	Agro-met Advisory
Kharif Rice	Flowering to harvesting stage	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall, Carryout harvesting of matured early rice varieties in morning hours with 'Vaibhav sickle' near to ground level and follow immediate threshing, and kept it at safe place. Due to forecast of increase in temperature during next five days, maintain 5 cm level of water in rice field where mid- late rice varieties in grain filling stage and late rice varieties is in flowering stage. Apply 3rd split dose of nitrogenous fertilizer @ 71 kg urea per ha to the late rice varieties at the time of flowering.
Finger millet	Flowering 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.
Mango	Vegetative development	<ul style="list-style-type: none"> Due to high humidity condition is favourable for growth of fungus in dense trees. Due to forecast of increase in temperature, the fungal growth will increase and result in dieback of branches in mango. For control of disease, collect and destroy all diseased infected leaves, branches and apply bordo-paste to cut portion of branches. After cleaning of orchard, spray Metalaxyl 8% + mancozeb 64% combination fungicide@20 g per 10 liter of water.
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"> Due to cloudy and humid weather condition in last week, if incidence of koleroga disease found in areca nut orchard. To protect palm from fungal disease, spray of 1% bordo-mixture or 0.375% Copper oxychloride @ 37 per 10 liters of water on to crown region.
Cucurbitaceae Vegetables	Sowing	<ul style="list-style-type: none"> For raising of vegetable nursery for rabi season, cultivate the land

		<p>when it is at field capacity condition and then prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m. For protection of seedlings from wilt disease, drench nursery bed with 1% bordo mixture before 3-4 days of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed.</p>
Animal husbandry		<ul style="list-style-type: none"> • There is possibility of Crimean Congo Hemorrhagic Fever is a viral disease transmitted to cattle, farmers should keep their cattle shed clean and in case of incidence of tick-worm found, preventive drugs like Cypermethrin or Deltamethrin should be applied to the cattle by taken advise of veterinarians. • Farmers should strictly avoid removing or killing tick-worms by hand. Socks, masks and gum shoes should be used while cleaning the cattle 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>		