



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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Significant past weather for the preceding week (Period –23/11/2019 to 29/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 04/12/2019				
23/11	24/11	25/11	26/11	27/11	28/11	29/11		30/11	01/12	02/12	03/12	04/12
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
33.6	33.0	33.5	35.0	34.0	33.4	34.5	Maximum temperature (°C)	33	33	33	33	33
24.0	22.0	22.0	21.4	20.4	222.4	23.5	Minimum temperature (°C)	21	21	21	21	22
0	0	0	0	0	0	0	Cloud cover (Octa)	6	3	4	4	6
86	91	89	91	91	83	83	Relative Humidity Max. (%)	59	60	62	60	59
46	45	42	41	43	41	-	Relative Humidity Min. (%)	36	34	33	33	33
1.2	2.9	1.7	1.4	1.4	2.3	2.1	Wind speed (Km/hr)	6.4	6.9	6.9	6.9	7.4
NNW	S	NNW	ESE	NNE	S	NNE	Wind direction	ENE	ENE	ENE	ENE	ENE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						4233.4		2359.6				

Agro-met Advisory

Sky will be partly cloudy from 30th November to 4th December 2019.

Extended range rainfall forecast for Konkan division for the period from 29th November to 5th December, 2019 is above normal. According to NDVI, Agriculture vigour is good and according to SPI, moderately wet condition experienced in Palghar district.

Crop	Stage	Agro Advise
Mango	Vegetative to Flowering	<ul style="list-style-type: none"> Due to forecast of cloudy weather, there is possibility of incidence of hoppers and anthracnose 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%) @ 10 gm per 10 liter in water. There is also possibility of incidence of hoppers and powdery mildew disease on inflorescence of mango. for protection of inflorescence of from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + hexaconazole @ 5 ml per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liter of water.
Coconut	-	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle spray the FYM pits with Chlorpyriphos 20 ml in 10 lit of water at two months interval. Provide irrigation to coconut orchard at 8-10 days interval.
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For control of disease spray dimethoate 30%EC 10 ml + Sulphur or mancozeb 20gms per 10 liter of water at 10-15 days interval. There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Milch animal	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Vaccination against foot and mouth disease in farm animals under supervision of veterinary officers is advocated.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of "Gramin Krishi Mausam Sewa (GKMS)" Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.

For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.