



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 –11/12/2019 to 17/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 22/12/2019				
11/12	12/12	13/12	14/12	15/12	16/12	17/12		18/12	19/12	20/12	21/12	22/12
0	0	0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
33.0	31.6	31.0	-	-	-	-	Maximum temperature (°C)	31	31	32	32	29
21.2	18.8	17.6	-	-	-	-	Minimum temperature (°C)	20	19	19	19	19
0	0	0	-	-	-	-	Cloud cover (Octa)	4	5	1	4	7
88	92	90	-	-	-	-	Relative Humidity Max. (%)	63	58	57	57	54
55	47	-	-	-	-	-	Relative Humidity Min. (%)	37	36	34	30	34
2.1	1.4	1.2	-	-	-	-	Wind speed (Km/hr)	10.2	8.1	7.5	5.9	4.5
Calm	Calm	Calm	-	-	-	-	Wind direction	ENE	ENE	NE	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 18th to 22nd December 2019.

Extended range rainfall forecast for Konkan division for the period from 13th to 19th December, 2019 is below normal.
According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Palghar district.

Crop	Stage	Agro Advise
Lablab bean	Vegetative	• If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liter of water.
Mango	Vegetative	• 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.
Cashewnut	Flowering	• 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	-	• There is possibility of incidence of black headed caterpillar in coconut orchard in coastal areas. The caterpillar feeds on leaves results into dried up patches on leaf. For control of black headed caterpillar, collect and destroy all infected leaves and spray dimethoate 30%EC @ 16 ml per 10 liter of water or release larval parasitoids <i>Goniozus nephantidis</i> adult @ 3500 nos per hectare.
Banana	Vegetative	• If incidence of bunchy top disease is noticed on banana, remove and destroy infected plant. Since the aphid act as vector for bunchy top disease, if incidence of aphid is notice in banana orchard spray 0.05 % dimethoate insecticide at 15 days interval.
Chilli	Vegetative	• There is possibility of incidence of hoppers, white flies and aphids in chilli crop. If incidence is noticed, spray dimethoate 30%EC @ 10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests.
Tomato	Vegetative	• Provide support to tomato crop. • Apply second split dose of 43kg urea per acre to tomato crop at one month after transplanting.
Brinjal	Vegetative	• Apply second split dose of 43kg urea per acre to brinjal crop at one month after transplanting.
Marigold	Vegetative	• For control of weeds in marigold flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant.
Aster	Vegetative	• For control of weeds in aster flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant.
Milch Animals/ Goat /Poultry	--	• Provide clean and hygienic drinking water to farm animals. • Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.

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.