



**Agromet Advisory Service Bulletin for Palghar District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387



No. 100/2019

Date: 13/12/2019

Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period -07/12/2019 to 13/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 18/12/2019				
07/12	08/12	09/12	10/12	11/12	12/12	13/12		14/12	15/12	16/12	17/12	18/12
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
33.0	32.0	33.0	34.0	33.0	31.6	31.0	Maximum temperature (°C)	28	30	31	31	32
20.4	23.0	21.6	21.0	21.2	18.8	17.6	Minimum temperature (°C)	16	18	19	20	20
0	0	0	0	0	0	0	Cloud cover (Octa)	4	3	1	1	1
83	84	83	94	88	92	90	Relative Humidity Max. (%)	71	55	56	67	64
50	48	38	42	55	47	-	Relative Humidity Min. (%)	45	35	35	39	36
3.6	2.7	1.1	1.6	2.1	1.4	1.2	Wind speed (Km/hr)	8.5	8.9	7.8	9.3	10.9
WNW	Calm	Calm	Calm	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 on 14<sup>th</sup> and 15<sup>th</sup> December 2019.

Extended range rainfall forecast for Konkan division for the period from 13<sup>th</sup> to 19<sup>th</sup> 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.
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 Goniozus nephantidis adult @ 3500 nos per hectare.
Sapota	Fruiting	• There is possibility of incidence of seed borer in sapota, for control of seed borer, collect and destroy all infected fruits and dried leaves. take a spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 liter of water.
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.
Jasmine (Mogra)	Flowering	• Apply second dose of 5-10 kg FYM, 65 g urea, 375 g SSP and 100 g of MOP per plant of jasmine. • There is possibility of incidence of bud worm, leaf webber, mites and blossom midge on mogra crop. If incidence is notices, collect and destroy all infected leaves and flower bud and spray 5% neem seed kernel extract on the plant.

**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.