



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 –30/11/2019 to 06/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 11/12/2019				
30/11	01/12	02/12	03/12	04/12	05/12	06/12		07/12	08/12	09/12	10/12	11/12
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
33.5	32.0	34.0	34.0	34.0	33.4	31.0	Maximum temperature (°C)	32	32	34	35	35
23.5	23.0	23.5	23.4	23.0	24.5	24.4	Minimum temperature (°C)	20	20	21	21	20
0	0	0	0	0	2	2	Cloud cover (Octa)	8	1	6	3	0
91	86	88	86	83	84	68	Relative Humidity Max. (%)	47	52	60	65	62
54	45	45	41	43	61	-	Relative Humidity Min. (%)	36	30	35	39	36
3.1	1.1	2.5	1.9	2.1	1.9	2.0	Wind speed (Km/hr)	9.8	7.9	6.6	6.6	6.9
S	ESE	S	WNW	NNE	NNW	ESE	Wind direction	ENE	ENE	E	E	E
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

There is possibility of increase in temperature and sky will be partly cloudy from 7th to 10th December 2019.

Extended range rainfall forecast for Konkan division for the period from 6th to 12th December, 2019 is above normal.

According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Palghar district.

Crop	Stage	Agro Advise
Chickpea (Bengal Gram)	Sowing	<ul style="list-style-type: none"> For cultivation of chickpea, use seed rate of 60-65 kg/ha for small size 65-70kg/ha for medium size and 100kg/ha for bold size seed varieties. For protection of seedlings from with disease, before sowing treat the seed with Thiram fungicide @2 gm/kg or trichoderma @5 gm/kg of seeds. After that treat the seed with Rhizobium @ 20 gm/ kg of seed and dry them in shed. Carryout sowing by dibbling the seed at 30 X 10 cm spacing. Apply fertilizer dose of 54 kg urea, 313kg SSP and 50 kg of MOP per hectare at the time of sowing
Mango	Vegetative	<ul style="list-style-type: none"> 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	<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"> Provide irrigation to first four years old coconut orchard at 6 to 7 days interval and for above four years old orchard provide irrigation at 5 to 10 days interval.
Brinjal/ Chilli/Tomato	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, white flies and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests.
Aster	Transplanting	<ul style="list-style-type: none"> If seedlings of aster crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 30 X 30 cm or 30 X 60 cm. Incorporate 10 tones/acre of FYM into soil at the time of ploughing. Apply fertilizer dose of 78 kg urea, 250 kg SSP and 66 kg MOP per acre at the time of planting. Provide irrigation immediately after transplanting.
Marigold	Transplanting	<ul style="list-style-type: none"> If seedlings of marigold crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. Apply fertilizer dose of 4-6 tonne of FYM/Compost, 43 kg urea, 125 kg SSP and 33 kg of MOP per acre at the time of transplanting. Select healthy seedlings on 15-20 cm height with 5-6 leaves and dip the seedling for 5 minute in Dimethoate solution @ 1.5ml per liter of water and 50 % Carbendazim @ 1 gm per liter of water before transplanting. Provide irrigation immediately after transplanting.
Jasmine (Mogra)	Flowering	<ul style="list-style-type: none"> Apply second dose of 5-10 kg FYM, 65 g urea, 375 g SSP and 100 g of MOP per plant in the month of December.
Milch animal/Goat	-	<ul style="list-style-type: none"> For protection of farm animals from external parasites such as ticks, maintain sanitation in farm shed and for control spray deltamethrin 2 ml/liter of water on to the body of animal under guidance of veterinarian.

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.
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