



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 –01/02/2020 to 07/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 12/02/2020				
01/02	02/02	03/02	04/02	05/02	06/02	07/02		08/02	09/02	10/02	11/02	12/02
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	1	0
29.0	31.2	32.4	28.6	30.2	30.6	29.8	Maximum temperature (°C)	27	29	30	31	31
17.2	17.5	15.0	14.8	16.8	14.8	13.4	Minimum temperature (°C)	14	17	20	20	21
0	0	0	0	0	0	0	Cloud cover (Octa)	2	0	2	4	3
62	77	92	86	51	86	70	Relative Humidity Max. (%)	55	46	47	65	58
41	46	54	35	36	26	-	Relative Humidity Min. (%)	21	23	29	36	37
3.9	4.9	2.5	2.5	5.1	4.0	4.2	Wind speed (Km/hr)	8.8	15.4	14	7.2	8.1
NNE	S	CALM	S	WSW	NNE	S	Wind direction	ENE	ENE	E	WNW	NE
Rainfall (mm) in last week					Rainfall (mm) from 01/01/2020 to till dated					Total Rainfall (mm) in last year		
0.0					0.0					4233.4		

Agro-met Advisory

During next five days the maximum temperature will be in the range of 27 to 31°C and minimum temperature in the range of 14 to 21 °C. There will be increase in wind speed from 9th to 10th February, 2020.

Crop	Stage	Agro Advise
Summer rice	Seedling	<ul style="list-style-type: none"> Maintain optimum water level of 2.5-5 cm upto 30 days after transplanting of rice seedling.
Mango	Flowering to fruiting	<ul style="list-style-type: none"> To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 3 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease. To protect the pea size fruits of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew. To minimize pre-mature fruit drop and improve production and quality of mango fruits, spray 1 % Potassium nitrate at pea, marble and egg fruit stages.
Cashewnut	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bugs and thrips on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml per 10 liter of water. (insecticide is not under label claim).
Coconut	--	<ul style="list-style-type: none"> There is possibility of incidence of rugose spiraling white fly on coconut, Nymphs and adults suck the sap from lower surface of leaves and produce honey dew sugary substance which develop growth of sooty mould fungus. If incidence is noticed spray 30 ml Neem oil 0.5% @30 ml per 10 liters of water. For the protection from black fungus Spray 1% starch solution. Apply 750 gms urea and 667 gms of muriate of potash as 3rd split dose for 5year old and above coconut palm. For control of eriophyid mite on coconut, neem-based insecticide neemazal 5% @ 7.5 ml be mixed in equal quantity of water apply through root feeding three times in year (during month of October-November, January to February and April to May). Harvesting is avoided at least 45 days after treatment. In addition to this spray neem-based insecticide (nemazal) 1% @4 ml per liter of water on bunch of nuts. Collect and destroy all infected inflorescence and nuts before spraying.
Milch Animals	--	<ul style="list-style-type: none"> Protect the farm animals from low temperature by providing curtains and electric bulbs as per the need.
Poultry	--	<ul style="list-style-type: none"> Protect the 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.

