



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 –22/02/2020 to 28/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 04/03/2020				
22/02	23/02	24/02	25/02	26/02	27/02	28/02		29/02	01/03	02/03	03/03	04/03
0	0	0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
33.2	34.0	34.8	34.4	35.0	36.0	35.6	Maximum temperature (°C)	32	31	30	30	30
19.0	21.0	19.8	19.8	18.6	17.0	16.0	Minimum temperature (°C)	18	17	17	17	17
0	0	0	0	0	0	0	Cloud cover (Octa)	0	0	0	0	0
82	47	65	38	40	63	64	Relative Humidity Max. (%)	37	50	57	56	69
45	39	46	-	30	28	-	Relative Humidity Min. (%)	18	22	24	25	26
3.3	5.0	4.6	6.0	6.4	4.1	3.0	Wind speed (Km/hr)	2	3	3	4	4
SSE	S	ESE	S	NNE	NNE	NE	Wind direction	ESE	ESE	S	WSW	SSE
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 30 to 32°C and minimum temperature in the range of 17 to 18 °C and sky remain clear.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Maintain optimum water level of 5 cm in rice field where crop is in tillering stage.
Lablab bean	Harvesting	<ul style="list-style-type: none"> Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner.
Mango	Fruiting	<ul style="list-style-type: none"> To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, 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 improve production and quality of mango fruits, spray 1 % Potassium nitrate at pea, marble and egg fruit stages. The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango. Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard also use straw mulch to reduce evaporation losses.
Coconut	--	<ul style="list-style-type: none"> There is possibility of incidence of rugose spiralling 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. For protection of plant from white fly incidence spray water onto leaves regularly. Also, for control of black fungus spray 1% starch solution on leaves. Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard also use straw mulch to reduce evaporation losses. There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.
Banana	-	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to banana orchard and use straw mulch to reduce evaporation. Provide support to banana tree which is in flowering stage also cover the bunches with gunny cloth or leaves to protect the fruits from sunburn and hot wind. 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 3 times at 15 days interval.
Sapota	Fruiting	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to sapota orchard also use straw mulch to

		reduce evaporation losses.
Mogra (Jasmin)	Flowering	<ul style="list-style-type: none"> • If incidence of leaf webber, leaf roller and bud borer is noticed on mogra crop, collect and destroy all infected leaves and buds and spray neem based insecticide nemazal 5%.
Poultry	-	<ul style="list-style-type: none"> • There is possibility for increase in temperature during day hence protect poultry birds from heat. • In poultry shed, increase the water pot and provide adequate and clean water for drinking. Also, feed should be given in the morning or evening hours. • To protect the birds from Ranikhet disease, vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.
<p>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.</p>		