



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 –19/02/2020 to 25/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 01/03/2020				
19/02	20/02	21/02	22/02	23/02	24/02	25/02		26/02	27/02	28/02	29/02	01/03
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Maximum temperature (°C)	32	33	34	35	33
-	-	-	-	-	-	-	Minimum temperature (°C)	21	22	21	21	21
-	-	-	-	-	-	-	Cloud cover (Octa)	0	0	0	0	0
-	-	-	-	-	-	-	Relative Humidity Max. (%)	53	56	58	65	66
-	-	-	-	-	-	-	Relative Humidity Min. (%)	22	21	20	23	26
-	-	-	-	-	-	-	Wind speed (Km/hr)	8	7	5	2	3
-	-	-	-	-	-	-	Wind direction	ENE	E	E	SE	S
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

There is possibility of increase in maximum and minimum temperature and sky remain mainly clear from 26th February to 1st March, 2020.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Maintain optimum water level of 5 cm in rice field.
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	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. Note: Avoid spraying during flowering to fruit setting period for effective pollination. If it is not possible to postpone the spraying till fruit set due to heavy incidence of insect and pest, then avoid spraying during morning hours (10.00 am to 12.00 pm) which is active period of pollinators for pollination. 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.
Coconut	--	<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 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.
Sapota	Flowering	<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.
Okra	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of aphids on okra crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml per 10 liter of water. Also use yellow sticky cards in field to attract sucking pest.
Water melon	Flowering	<ul style="list-style-type: none"> Install cue lure 'Rakshak' trap @ 4nos. per hectare at the time of initiation of flowering in watermelon crop for effective control of fruit fly. Collect and destroy all infected fruits.
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%.

Fruit crop nursery	Vegetative	<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 fruit crop nursery.• Keep the fruit crop nursery area weed free also provides shed to nursery seedlings.
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.		