



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



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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 –22/01/2020 to 28/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 02/02/2020				
22/01	23/01	24/01	25/01	26/01	27/01	28/01		29/01	30/01	31/01	01/02	02/02
0	0	0	0	0	0	0	Rainfall (mm)	1	0	0	0	0
30.0	33.0	33.8	33.5	33.8	33.6	29.4	Maximum temperature (°C)	23	23	27	27	28
17.6	19.4	19.0	19.4	17.6	18.0	17.4	Minimum temperature (°C)	14	11	13	13	16
0	0	0	0	0	0	0	Cloud cover (Octa)	3	0	0	1	0
80	74	83	81	81	92	90	Relative Humidity Max. (%)	77	55	51	48	35
48	51	48	48	43	49	-	Relative Humidity Min. (%)	53	33	18	21	15
2.5	4.2	4.4	4.4	3.9	2.5	2.3	Wind speed (Km/hr)	8.5	9	7.5	9.5	12.7
S	SSW	E	SSE	S	Calm	ESE	Wind direction	WNW	ENE	ENE	WNW	E
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 also sky remains mainly clear from 29th January to 2nd February, 2020.

Crop	Stage	Agro Advise
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.
Lablab bean	Pod stage	<ul style="list-style-type: none"> There is possibility of incidence of pod borer on lablab bean crop which initially feed on buds and then on tender pods. If incidence is noticed, collect and destroy all infected pods and spray Quinalphos 25% EC @ 20ml of Dimethoate 30% EC@12 ml per 10 liter of water. Install birds' perches into field. Provide irrigation to lablab bean crop where crop is in flowering stage.
Chickpea	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of pod borer on chickpea crop, for protection install pheromone trap and birds's perches @ 5 -10 nos. per hectare.
Mango	Flowering	<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 @ 6 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.
Cashewnut	Flowering to 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"> 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. To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected part. Install pheromone trap 2 nos. per hectare in orchard.
Brinjal	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of shoot and fruit borer on Brinjal, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Fenvalerate @10 ml or Deltamethrin 208%EC @ 10 ml per 10 liter of water.
Fruit crop nursery	Vegetative	<ul style="list-style-type: none"> Provide irrigation to fruit crop nursery regularly. Keep the nursery area clean by removing weeds also provide 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.