



Agromet Advisory Service Bulletin for Palghar District
(Issued jointly by IAAS, Dr. B.S. Konkani 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 –25/09/2019 to 01/10/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 06/10/2019				
25/09	26/09	27/09	28/09	29/09	30/09	01/10		02/10	03/10	04/10	05/10	06/10
7.0	3.6	23.4	4.2	0.0	22.2	7.6	Rainfall (mm)	5	1	1	0	14
31.4	29.6	32.0	29.0	31.0	32.4	-	Maximum temperature (°C)	31	31	32	33	32
25.4	25.6	25.0	24.8	27.4	26.4	-	Minimum temperature (°C)	25	24	24	24	25
1	2	1	1	1	2	-	Cloud cover (Octa)	6	4	5	1	2
93	89	96	95	85	92	-	Relative Humidity Max. (%)	82	80	89	82	81
82	72	86	74	72	83	-	Relative Humidity Min. (%)	71	66	62	62	65
2.8	1.2	4.8	4.6	5.3	4.1	-	Wind speed (Km/hr)	12.2	8.7	7.8	10.0	12.2
W	NNE	SW	NNW	NNW	N	-	Wind direction	SSW	SSW	ENE	NNE	NNE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
68.0						4156.4		2359.6				

Agro-met Advisory

There is possibility of light to moderate rainfall from 2nd to 4th and 6th October, 2019 and sky will be cloudy.

Extended range rainfall forecast for Konkani division for the period from 4th to 10th October, 2019 is normal.

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

Crop	Stage	Agro Advise
Kharif rice	Flowering to grain filling stage	<ul style="list-style-type: none"> Due to forecast of light rainfall, Carryout harvesting of matured early rice varieties in morning hours with 'Vaibhav sickle' near to ground level and follow immediate threshing, the threshed grains should be dry in sun for 2 to 3 days. Due to forecast of light rainfall, maintain 5 cm level of water in rice field where mid- late rice varieties in grain filling stage and late rice varieties is in flowering stage. Drain out water from the field where early rice varieties is in maturity stage. Apply 3rd split dose of nitrogenous fertilizer @ 71 kg urea /ha to the late rice varieties at the time of flowering. Due to forecast of intermittent rain, increase in temperature and humidity, there is possibility of incidence of army worm in early rice varieties, hence observe crop regularly for infestation of pest. Install bird's perches @3-4 / acre. If incidence of army worm is observed above threshold level (1larvae /hill), spray Dichlorovos 76 WSC 13 ml per 10 liter of water during evening hours or in early morning when wind blows calm.
Mango	Vegetative	<ul style="list-style-type: none"> Due to high humidity condition in past created favourable condition for growth of fungus in dense trees. Due to forecast of increase in temperature, the fungal growth will increase and result in dieback of branches in mango. For control of disease, collect and destroy all diseased infected leaves, branches and apply bordopaste to cut portion of branches. After cleaning of orchard, spray Metalaxyl 8% + mancozeb 64% combination fungicide@20 g per 10 liter of water. Due to increase in temperature and humidity there is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water.
Coconut		<ul style="list-style-type: none"> 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 during month of October-November. 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.
Vegetables crop nursery	--	<ul style="list-style-type: none"> For raising of vegetable nursery for rabi season, cultivate the land when it is at field capacity condition and then prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m.
Milch animals/Goat	--	<ul style="list-style-type: none"> Preserve the available green fodder by adopting silage method which helps to feed animals during the period when green fodder is not available. For this, sprinkle the prepared solution of 2 kg jaggery +half kg urea+ 2kg salt in 5-6 liter of water onto 100kg finely chopped grasses. then this treated grass is filled layer wise in plastic silos readily available in market. Keep the silos in shade to protect from rain and heat. In this way, the feed is ready within 2-3 months to feed the farm animals.

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 Konkani Krishi Vidyapeeth, Dapoli.

For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.

