



**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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No. 84/2019

Date: 18/10/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –12/10/2019 to 18/10/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 23/10/2019				
12/10	13/10	14/10	15/10	16/10	17/10	18/10		19/10	20/10	21/10	22/10	23/10
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	10	34	11	2	7
33.0	34.0	35.0	35.0	35.0	34.0	35.0	Maximum temperature (°C)	33	28	28	31	32
25.0	25.4	25.6	25.0	25.6	23.4	25.0	Minimum temperature (°C)	23	21	22	23	24
0	0	0	0	0	0	0	Cloud cover (Octa)	8	8	8	8	8
87	84	85	81	66	63	76	Relative Humidity Max. (%)	77	84	82	75	75
51	56	51	53	56	43	-	Relative Humidity Min. (%)	59	75	74	62	57
1.9	2.1	1.3	1.1	2.9	1.4	1.8	Wind speed (Km/hr)	10.2	12.2	12.4	6.4	6.3
NNE	NNW	NNE	W	W	W	W	Wind direction	ESE	E	E	ENE	NE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						4156.4		2359.6				

**Agro-met Advisory**

There is possibility of light to moderate rainfall from 19th to 23rd October, 2019 at isolate places also sky will be cloudy.

Extended range rainfall forecast for Konkani division for the period from 18<sup>th</sup> to 24<sup>th</sup> October, 2019 is above normal.

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

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Grain filling to maturity stage</b>	<ul style="list-style-type: none"> <li>Maintain 5 cm level of water in rice field where late rice varieties are in grain filling stage and drain out water from the field where mid-late rice varieties are in maturity stage.</li> <li>There is forecast of light to moderate rain, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with 'Vaibhav sickle' near to ground level and follow immediate threshing, the threshed grains should be sun dry for 2 to 3 days before storage.</li> <li>There is possibility of incidence of army worm in early rice varieties, hence by observing rainfall situation follow immediate harvesting and threshing of matured early rice varieties.</li> <li>There is possibility of incidence of army worm in rice crop, hence observe crop regularly for infestation of pest. Install bird's perches @3-4 / acre. Keep bunds weed free. If incidence of army worm is observed above threshold level (1-2 larvae /hill), spray Dichlorovos 76% EC @ 15 ml or Cypermethrin 25%EC @ 6 ml per 10 liter of water during evening hours or in early morning when wind blows calm. (Note: insecticides are not under label claim)</li> </ul> <p><b>Note:</b> Spraying should be taken during dry period.</p>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>In old mango orchard, carryout centre opening operation which increase penetration of sunlight and result in increase in flowering.</li> <li>If incidence of stem borer is noticed in mango orchards remove infected portion with the help on 15 mm. chisel and destroyed grub. Prepare solution of Chlorpyrifos 20% EC @ 5 ml. per liter of water and apply it to infected portion. Pour the Chlorpyrifos 20%EC @ 10 ml. + 50 ml. kerosene in the hole prepared by stem borer.</li> <li>Due to cloudy and humid weather condition, 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.</li> </ul>
<b>Sapota</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Follow inter cultivation operation in sapota orchard. collect and destroy all infected fruits and dried leaves.</li> </ul>
<b>Vegetables crop nursery</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>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. For protection of seedlings from wilt disease, drench nursery bed with 1% bordomixture before 3-4 days of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed.</li> <li>Provide irrigation to vegetable nursery regularly.</li> </ul>

• **Note:** Spraying should be taken during dry period.

**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.**