



**Agromet Advisory Service Bulletin for Ratnagiri 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 –16/10/2019 to 22/10/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 27/10/2019				
16/10	17/10	18/10	19/10	20/10	21/10	22/10		23/10	24/10	25/10	26/10	27/10
0.0	0.0	0.2	4.8	47.2	11.2	13.6	Rainfall (mm)	12	35	35	12	12
33.8	33.8	34.0	30.1	29.5	27.0	31.6	Maximum temperature (°C)	34	34	34	34	34
21.0	23.0	24.0	24.0	22.7	22.9	23.1	Minimum temperature (°C)	23	23	24	24	24
0	0	6	6	6	6	6	Cloud cover (Octa)	8	8	8	8	8
81	88	81	90	96	95	96	Relative Humidity Max. (%)	94	95	95	92	92
51	61	75	81	84	91	-	Relative Humidity Min. (%)	79	79	90	75	79
0.7	1.0	0.7	0.1	0.3	0.3	0.7	Wind speed (Km/hr)	6	8	7	5	9
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ESE	E	E	ENE	E
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
77.0							5071.1	3071.8				

**Agro-met Advisory**

There is possibility of moderate rainfall from 23<sup>rd</sup> to 27<sup>th</sup> October, 2019 at isolate places also sky will be cloudy.  
Extended range rainfall forecast for Konkani division for the period from 25<sup>th</sup> to 31<sup>st</sup> October, 2019 is above normal.  
According to NDVI, Agriculture vigour is moderate and according to SPI, mildly wet condition experienced in Ratnagiri 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>Due to prediction of moderate rain, hence postpone the harvesting of rice, if it is not possible harvest the matured rice varieties <b>in morning hours only</b> near to ground level and stored in protected shed.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <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>Cashewnut</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to cloudy and humid weather condition, there is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashewnut to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.</li> <li>If incidence of stem borer is noticed in cashew 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> </ul>
<b>Coconut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36% Monocrotophos with the help of plastic funnel in the hole and close the hole with the help of cement.</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>For the cultivation of watermelon, carryout primary tillage operation. Follow sowing on ridges and furrow having spacing of 2 X 0.50 m. apply 1.5 kg FYM, 11g urea, 32 g single super phosphate and 10 g muriate of potash per vine and for hybrid varieties apply 2 kg FYM, 20g urea, 32 g single super phosphate and 17 g muriate of potash per vine at the time of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed for protection of seedlings from wilt disease.</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 Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.**