



**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 –07/09/2019 to 13/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 18/09/2019				
07/09	08/09	09/09	10/09	11/09	12/09	13/09		14/09	15/09	16/09	17/09	18/09
119.0	87.6	76.8	53.6	8.4	10.6	43.4	Rainfall (mm)	42	26	22	26	5
26.2	26.8	27.6	27.2	29.0	28.8	28.2	Maximum temperature (°C)	30	30	31	30	29
23.0	23.8	23.2	23.6	23.5	23.6	24.5	Minimum temperature (°C)	24	24	24	24	26
8	8	8	6	6	6	4	Cloud cover (Octa)	8	6	3	7	7
98	98	100	98	93	98	96	Relative Humidity Max. (%)	96	94	94	95	92
96	93	93	85	80	90	-	Relative Humidity Min. (%)	84	84	76	82	85
7.0	4.8	6.4	6.1	2.5	2.4	2.4	Wind speed (Km/hr)	9	4	6	7	7
W	W	W	W	W	Calm	Calm	Wind direction	275	191	221	272	272
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
345.8							4807.4	3071.8				

**Agro-met Advisory**

There is possibility of moderate to heavy rainfall from 14<sup>th</sup> to 17<sup>th</sup> September, 2019. Sky will be cloudy.

Extended range rainfall forecast for Konkani division for the period of 13<sup>th</sup> to 19<sup>th</sup> September, 2019 is above normal.

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Panicle initiation to flowering</b>	<ul style="list-style-type: none"> <li>Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation to flowering stage.</li> <li>Apply 3<sup>rd</sup> split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the mid-late varieties rice crop which is in flowering stage.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to forecast of increase in temperature which is congenial for vegetative flush in mango, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC@ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20 g per 10 liter of water.</li> </ul>
<b>Coconut</b>	--	<ul style="list-style-type: none"> <li>Apply 750 gms urea and 667 gms of muriate of potash as 2<sup>nd</sup> split dose for 5 year old and above coconut palm.</li> <li>There is possibility of incidence of bud rot disease due to heavy rain, if incidence noticed spray coconut plant with 1% bordomixture.</li> <li>Clean old coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation in orchard. There is possibility of bud rot due to heavy rain, if incidence noticed spray 1% bordomixture on to the crown region.</li> </ul>
<b>Vegetable crops</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days.</li> <li>There is possibility of incidence of red pumpkin beetle on cucumber, bitter gourd, snake gourd, bottle gourd, red pumpkin and ridge gourd etc. cucurbitaceous crops. If incidence is noticed, spray Dimethoate 30%EC@ 15 ml or Malathion 50%EC @ 20 ml per 10 liters of water.</li> </ul>
<b>Fruit crop nursery</b>	--	<ul style="list-style-type: none"> <li>To prevent the incidence of fungal disease in fruit crop nurseery, drenching of 50 ml of fungicidal solution (0.2% Carbendazim @ 2 gm/lit of water) per plant is advocated.</li> </ul>
<b>Milch animals/Goat /Poultry</b>	--	<ul style="list-style-type: none"> <li>For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day.</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</li> </ul>

• **Note: spraying should be taken in dry period during day.**

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.