



**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 –18/09/2019 to 24/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 29/09/2019				
18/09	19/09	20/09	21/09	22/09	23/09	24/09		25/09	26/09	27/09	28/09	29/09
4.8	11.0	12.6	14.6	4.6	0.4	0.0	Rainfall (mm)	42	66	24	25	10
29.4	28.5	29.2	28.6	29.1	30.0	30.0	Maximum temperature (°C)	33	35	33	31	32
24.0	24.2	23.5	24.0	24.0	23.0	24.5	Minimum temperature (°C)	25	24	24	24	24
6	6	6	6	4	4	4	Cloud cover (Octa)	8	8	8	8	7
98	98	98	96	93	93	88	Relative Humidity Max. (%)	97	97	96	96	96
97	95	77	82	85	74	83	Relative Humidity Min. (%)	72	76	76	74	69
2.6	1.3	1.4	4.4	3.7	3.0	1.5	Wind speed (Km/hr)	5	4	7	7	6
Calm	Calm	Calm	SW	W	SW	W	Wind direction	181	134	134	146	141
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
48.0							4909.3	3071.8				

**Agro-met Advisory**

There is possibility of moderate to heavy rainfall from 25<sup>st</sup> to 29<sup>th</sup> September, 2019. Sky will be cloudy.  
Extended range rainfall forecast for Konkani division for the period of 27<sup>th</sup> September to 3<sup>rd</sup> August, 2019 is above normal.  
According to NDVI, Agriculture vigour is moderate and according to SPI, severely wet condition experienced in Ratnagiri district.

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 late rice varieties which is in panicle initiation to flowering stage.</li> <li>Maintain optimum water level of 5 cm in the early and mid-late rice varieties which is in flowering to grain filling stage.</li> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle on low land rice. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to forecast of increase in temperature is congenial for vegetative flush in mango. For protection of vegetative flush of mango from hoppers, midge fly and shoot borer, 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 forecast of increase in temperature is congenial for vegetative flush in cashewnut, for protection of vegetative flush of cashewnut from attack of tea mosquito bug and thrips, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.</li> <li>Follow the weeding operation in cashewnut orchard, also remove all dried, unproductive and disease infected branches, apply bordopaste on cut portion. After cleaning of orchard, spray 1% bordo mixture on to tree.</li> </ul>
<b>Arecanut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Clean the arecanut plant by removing dry leaves and other material and spray 1 % bordomixture or 0.375 % copper oxychloride 37.5 gm in 10 liter of water to control 'koleroga' disease.</li> </ul>
<b>Vegetable crops</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>To control the attack of yellow vein mosaic in okra, remove and destroy diseased plant. Spray Dimethoate 1 ml per liter of water and use yellow sticky cards in field to attract white flies which act as vector for disease transmission.</li> </ul>
<b>Milch animals/Goat</b>	--	<ul style="list-style-type: none"> <li>Preserve the available green fodder by adopting silage method which helps to feed animals during the period when green fodder is not available.</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.  
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