



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. Konkan 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 –14/09/2019 to 20/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 25/09/2019				
14/09	15/09	16/09	17/09	18/09	19/09	20/09		21/09	22/09	23/09	24/09	25/09
22.8	13.0	15.4	5.4	4.8	11.0	12.6	Rainfall (mm)	21	28	18	0	41
28.5	28.0	28.6	29.0	29.4	28.5	29.2	Maximum temperature (°C)	30	31	30	32	31
23.5	24.5	23.5	25.0	24.0	24.2	23.5	Minimum temperature (°C)	24	24	23	23	24
6	6	6	4	6	6	6	Cloud cover (Octa)	7	6	6	3	7
97	98	97	90	98	98	98	Relative Humidity Max. (%)	95	95	96	95	96
98	85	95	92	97	95	77	Relative Humidity Min. (%)	80	80	82	69	70
3.6	3.6	3.1	4.2	2.6	1.3	1.4	Wind speed (Km/hr)	10	11	7	6	3
Calm	Calm	W	W	Calm	Calm	Calm	Wind direction	168	166	134	108	131
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
85.0							4889.7	3071.8				

**Agro-met Advisory**

There is possibility of moderate rainfall from 21<sup>st</sup> to 23<sup>rd</sup> and 25<sup>th</sup> September, 2019. Sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period of 20<sup>th</sup> to 26<sup>th</sup> September, 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 rice crop which is in panicle initiation to flowering stage.</li> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease on rice. If incidence is noticed, spray Tricyclazole 75%WP@ 10 gm per 10 liter of water.</li> <li>Due to intermittent rainfall and cloudy weather condition will cause for incidence of brown plant hopper in lowline area where stagnation of water is observed. hence observe crop regularly for infestation of pest. If incidence of brown plant hopper is observed above threshold level (5-10 hopper/hill), spray Acephate 75%WP @ 2.25 g or Fipronil 5% SC @ 2 ml or Imidacloprid 17.8% SL @ 0.2 ml per liter of water. Make provision for replacing stagnated water with fresh water for every 2-3 days. Precaution should be taken to spray the insecticide on stem of rice plant.</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 attack, spray Deltamethrin 2.8%EC @ 9 ml g per 10 liter of water.</li> <li>There is possibility of incidence of shoot borer in newly planted mango orchard, if incidence is noticed collect and destroys infected plant part. Take a spray of Quinalphos 25% EC@ 20 ml or Monocrotophos 36% SL @ 11ml 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> </ul>
<b>Milch animals/Goat/Poultry</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 Konkan Krishi Vidyapeeth, Dapoli.  
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