



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387



No. 76/2020

Date: 22/09/2020

Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period –16/09/2020 to 22/09/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 27/09/2020				
16/09	17/09	18/09	19/09	20/09	21/09	22/09		23/09	24/09	25/09	26/09	27/09
12.2	25.4	13.2	7.6	9.0	6.4	50.4	Rainfall (mm)	122	37	26	12	12
29.5	29.6	29.3	28.0	28.3	29.8	30.5	Maximum temperature (°C)	30	29	29	30	30
22.5	23.5	23.5	22.1	23.4	23.5	24.0	Minimum temperature (°C)	24	24	23	23	23
4	8	8	6	8	4	6	Cloud cover (Octa)	8	8	7	7	8
98	100	95	96	98	96	100	Relative Humidity Max. (%)	96	95	96	94	94
86	78	80	86	64	83	-	Relative Humidity Min. (%)	85	91	88	81	78
1.9	2.3	2.1	1.7	3.3	2.2	2.8	Wind speed (Km/hr)	14	10	6	5	4
Calm	Calm	Calm	Calm	Calm	Calm	W	Wind direction	SW	SSW	SSW	S	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
124.2				3848.5				5130.9				

**Weather summary**

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate to heavy rainfall from 23 <sup>rd</sup> to 27 <sup>th</sup> September, 2020 at most of places over Ratnagiri district.
<b>Warning</b>	Heavy to very heavy rainfall at few places with extremely heavy rainfall at isolated places likely to occur on 22 <sup>nd</sup> September, 2020 and Heavy rainfall likely to occur at isolated places on 23 <sup>rd</sup> September, 2020 in Ratnagiri district.
<b>ERFS</b>	As per ERFS products above normal rainfall may occur in Konkan division during 25 <sup>th</sup> September to 1 <sup>st</sup> October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
<b>Kharif rice</b>	<b>Panicle initiation to flowering (late varieties), flowering to grain filling (midlate varieties) and grain filling to maturity (early varieties)</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September, 2020, make arrangement for drain out excess water from rice field and then after 24<sup>th</sup> September, 2020 maintain the optimum water level of 5-10 cm in late and midlate rice varieties field.</li> <li>• Early rice varieties are in maturity stage, make arrangement to drain out water from field 8 - 10 days before harvesting.</li> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September 2020, postponed the 3<sup>rd</sup> split dose of nitrogen @ 17 kg urea per acre to the late and midlate varieties of rice which is in flowering stage and apply thereafter during clear weather (no rainfall).</li> <li>• Due to forecast of intermittent rainfall from 24<sup>th</sup> September, 2020 and humid weather condition, there is possibility of incidence of rice earhead bug where midlate rice varieties are in milking stage. If incidence of rice earhead bug is observed above threshold level (1 adult /hill), dust Chlorpyrifos 1.5% DP powder @ 8 kg per acre during evening hours or in early morning when wind blows calm or spray Lambda cyhalothrin 5%EC @ 5 ml or Deltamethrin 2.8%EC @ 9 ml per 10 liter of water during clear weather (no rainfall). (Note: insecticide is not under label claim).</li> <li>• Due to forecast of intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease in late and midlate rice varieties. If incidence is noticed spray tricyclazole 75%WP @ 10 gm per 10 liter of water during clear weather (no rainfall).</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 on new flush of cashewnut. If incidence is noticed spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter during clear weather (no rainfall) after 23<sup>rd</sup> September, 2020. (Note: insecticide is not under label claim).</li> </ul>
<b>Coconut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September 2020, make arrangement for drain out excess water from coconut orchard.</li> </ul>
<b>Arecanut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September 2020, make arrangement for drain out excess water from arecanut orchard.</li> </ul>
<b>Turmeric</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September 2020, make arrangement for drain out excess water from turmeric crop field.</li> </ul>
<b>Vegetable crops</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall on 23<sup>rd</sup> September 2020, make arrangement for drain out excess water from vegetable crop field.</li> </ul>

Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.

**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.**