



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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No. 58/2020

Date: 21/07/2020

Duration – 5 days

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Significant past weather for the preceding week (Period –15/07/2020 to 21/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 26/07/2020				
15/07	16/07	17/07	18/07	19/07	20/07	21/07		22/07	23/07	24/07	25/07	26/07
118.0	129.4	53.0	36.8	18.8	25.6	0.6	Rainfall (mm)	10	11	18	15	9
29.0	26.8	27.5	28.2	29.8	29.7	29.5	Maximum temperature (°C)	31	32	32	31	30
22.2	22.1	22.7	23.9	24.0	24.0	24.6	Minimum temperature (°C)	25	25	25	25	25
6	6	4	6	4	4	4	Cloud cover (Octa)	8	8	8	8	8
100	98	95	93	95	95	95	Relative Humidity Max. (%)	91	92	91	92	91
98	92	96	82	82	92	-	Relative Humidity Min. (%)	69	69	72	77	68
4.2	6.1	6.9	7.0	5.7	3.9	3.3	Wind speed (Km/hr)	2	4	4	7	7
W	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	S	SSW	SSE	SSE	SE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
382.2				2032.1				5130.9				

**Weather summary/Alert**

As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of cloudy weather with light rainfall at many places from 22<sup>nd</sup> to 26<sup>th</sup> July, 2020 over Ratnagiri district. Also sky remains cloudy.

**Warning: Heavy rainfall at isolated places likely to occur from 23<sup>th</sup> to 25<sup>th</sup> July in Ratnagiri district.**

As per ERFS products below normal rainfall may occur in Konkan division during 26<sup>th</sup> July to 1<sup>st</sup> August, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
<b>Kharif rice</b>	<b>Growth stage</b>	<ul style="list-style-type: none"> <li>Due to forecast of light rainfall may lead to stress condition in transplanted rice, maintain optimum water level of 2.5 to 5 cm in rice field by arranging water from nearby available external water source.</li> <li>Keep bunds in rice field weed free to remove the alternate host plant of pest.</li> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle and caseworm on low land rice, hence observe crop regularly for infestation of pest. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 20 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water. If incidence of rice case worm is noticed on rice crop, then if external source of irrigation is available then flood the field with water followed by dragging the rope to dislodge the cases and drain out water from field. Collect the cases and destroy then maintain the water level of 5 cm in the field with fresh water. If required spray cartap hydrochloride 50%SP @12 gms per 10 liter of water.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Apply paclobutrazol (cultar/coltar) for regular flowering to the mango trees having age of 10 years and above. Before application 1<sup>st</sup> measure east-west and north-south diameter of the tree canopy and average it. Then calculate dose @ 3 ml per meter diameter of tree canopy. Mix this quantity of paclobutrozol in 3 to 5 lits. of water. Apply this solution uniformly in 25 to 30 holes at uniform distance with 10 to 12 cm depth in circular fashion at half distance of tree cover (just inside the manuring ring) from the base of tree. For making hole crowbar can be used. Ensure the drenching of uniform quantity in each hole and closed or plug hole after application. Before application of paclobutrazol make area weed free. Perform this application when intensity of rainfall is low.</li> </ul>
<b>Brinjal</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of shoot and fruit borer in brinjal crop. If incidence is noticed spray Emamectin Benzoate 5%SG@ 4gm or Azadirachtin 1% @ 20 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liters of water.</li> </ul>
<b>Cucurbitaceou s crop</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of powdery mildew disease on cucumber, snake gourd, bitter gourd, ridge gourd, bottle gourd, pumpkin cucurbitaceous vegetable crops, if incidence is noticed spray Carbendazim @ 5 gm or Zineb @ 20 gms per 10 liters of water.</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.**