



**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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Duration – 5 days

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Significant past weather for the preceding week (Period –08/07/2020 to 14/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 19/07/2020				
08/07	09/07	10/07	11/07	12/07	13/07	14/07		15/07	16/07	17/07	18/07	19/07
77.6	80.4	65.0	60.6	15.2	9.8	76.8	Rainfall (mm)	69	103	66	26	51
28.5	27.1	28.0	29.5	29.5	28.5	29.0	Maximum temperature (°C)	28	28	29	29	29
24.2	24.1	24.1	23.0	23.0	23.5	23.0	Minimum temperature (°C)	24	23	24	24	24
4	4	4	8	6	6	6	Cloud cover (Octa)	8	8	8	6	7
93	93	93	98	96	98	93	Relative Humidity Max. (%)	94	95	93	93	91
100	100	86	92	86	100	-	Relative Humidity Min. (%)	82	92	89	84	75
10.4	7.1	5.7	4.5	4.9	4.2	5.0	Wind speed (Km/hr)	13	13	12	7	4
Calm	Calm	Calm	Calm	Calm	Calm	SW	Wind direction	W	WSW	SW	SSW	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
385.4				1649.9				5130.9				

**Agro-met Advisory**

There is possibility of moderate rainfall at most places over Ratnagiri district from 15<sup>th</sup> to 19<sup>th</sup> July, 2020.  
Warning: Scattered heavy to isolated very heavy rainfall on 15<sup>th</sup> July and from 16<sup>th</sup> to 18<sup>th</sup> July isolated heavy rainfall likely to occur in Ratnagiri district.

As per ERFs products above normal rainfall may occur in Konkan division during 19<sup>th</sup> to 25<sup>th</sup> July 2020.

Crop	Stage	Agro Advise
Kharif rice	Seedling	<ul style="list-style-type: none"> <li>Maintain optimum water level of 2.5 to 5 cm upto 30 days after transplanting.</li> <li>Keep bunds weed free in rice field.</li> </ul>
Finger millet	Transplanting	<ul style="list-style-type: none"> <li>Due to forecast of moderate rainfall, Complete the transplanting of the finger millet.</li> </ul>
Mango	Vegetative	<ul style="list-style-type: none"> <li>To protect the re-established mango and cashewnut grafts those disturb due to Nisarg cyclone from fungal diseases and stem borer attack, it is advised to undertake 2<sup>nd</sup> spray with 1% bordonmixutire and also with Chlorpyriphos 20%EC @ 2ml per litre of water separately when intensity of rainfall is low.</li> </ul>
Cashewnut	Vegetative	<ul style="list-style-type: none"> <li>To protect the re-established mango and cashewnut grafts those disturb due to Nisarg cyclone from fungal diseases and stem borer attack, it is advised to undertake 2<sup>nd</sup> spray with 1% bordonmixutire and also with Chlorpyriphos 20%EC @ 2ml per litre of water separately when intensity of rainfall is low.</li> </ul>
Tomato	Vegetative	<ul style="list-style-type: none"> <li>Apply 2<sup>nd</sup> split dose of nitrogen @ 43 kg urea per acre to tomato crop after 3 to 5 weeks of transplanting when intensity of rainfall is low.</li> </ul>
Cucurbitaceous crop	Vegetative	<ul style="list-style-type: none"> <li>Apply 2<sup>nd</sup> split dose of nitrogen @10 gm urea per vine to snake gourd, bottle gourd, pumpkin cucurbitaceous crop at one month after planting when intensity of rainfall is low.</li> <li>If the incidence of red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 50% EC @ 20 ml or Dimethoate 30%EC @ 15 ml per 10 liters of water at 10 to 15 days interval when intensity of rainfall is low.</li> <li><b>Note:</b> mix stickers in insecticide solution before spraying.</li> </ul>
Turmeric	Vegetative	<ul style="list-style-type: none"> <li>Apply 1<sup>st</sup> split dose of nitrogen @ 35kg urea per acre to turmeric crop after 6 weeks of planting when intensity of rainfall is low.</li> </ul>
Milch animals/ Goat	-	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals also protect farm animals from rain.</li> <li>For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day.</li> </ul>
Poultry	-	<ul style="list-style-type: none"> <li>For broiler poultry bird upto 1<sup>st</sup> three week provide broiler starter and 4 to 6 week old bird provide broiler finisher as per their daily requirement.</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.