



**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 –27/06/2020 to 03/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 08/07/2020				
27/06	28/06	29/06	30/06	01/07	02/07	03/07		04/07	05/07	06/07	07/07	08/07
0.0	13.4	6.2	6.6	3.8	124.6	21.8	Rainfall (mm)	108	79	97	96	119
31.6	31.6	30.4	31.2	29.5	30.0	30.0	Maximum temperature (°C)	31	30	30	30	29
24.5	23.0	24.0	24.0	23.7	22.8	23.6	Minimum temperature (°C)	23	23	24	25	25
0	4	4	4	4	6	6	Cloud cover (Octa)	7	8	7	8	8
80	90	96	92	92	98	98	Relative Humidity Max. (%)	96	96	95	95	96
81	85	87	78	95	77	-	Relative Humidity Min. (%)	82	92	91	91	95
3.4	4.4	3.5	3.5	5.1	6.1	3.9	Wind speed (Km/hr)	10	11	15	15	9
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	WSW	WSW	WSW	WSW	SW
<b>Rainfall (mm) in last week</b>				<b>Rainfall (mm) from 01/01/2020 to till dated</b>				<b>Total Rainfall (mm) in last year</b>				
176.4				930.1				5130.9				

**Agro-met Advisory**

**There is possibility of rainfall at most places over Ratnagiri district from 4<sup>th</sup> to 8<sup>th</sup> July, 2020**

**Warning: Heavy rainfall likely to occur at few place and very heavy rainfall at isolated places on 4<sup>th</sup> July 2020 and heavy rainfall from 5<sup>th</sup> to 8<sup>th</sup> July, 2020 at isolated places.**

**As per ERFs products above normal rainfall may occur in Konkan division during 08<sup>th</sup> to 14<sup>th</sup> July 2020.**

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from rice field and maintain optimum water level of 2.5 to 5cm upto 30 days after transplanting.</li> <li>Carry out transplanting of the rice seedlings with 5 to 6 leaves with height of 12 to 15 cm and 20-21 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties. Prepare field for transplanting by puddling. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare when intensity of rainfall is low. If incorporation of 5 tonnes of glyricidia leaves per hectare is done then reduce the dose of nitrogenous fertilizers to 50 percent.</li> <li>Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) or 20 x 15 cm (midlate and late varieties). follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling.</li> <li>In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricidia leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms in between four hill.</li> </ul>
<b>Finger millet</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from finger millet nursery.</li> <li>It is advise to undertake transplanting of finger millet seedlings when intensity of rainfall is low. Seedlings of 30 days old are consider ideal for transplanting. Transplant 2 finger millet seedlings at spacing of 20x15 cm by 'Thomba' method. Prepare Thomba across the slope.</li> <li>Apply 35 kg urea and 100 kg single super phosphate per acre in thomba at the time of transplanting.</li> </ul>
<b>Coconut, Arecanut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from coconut and arecanut orchard</li> </ul>
<b>Vegetable crops</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from vegetable crop field.</li> </ul>
<b>Turmeric</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Make arrangement for drainage of excess water from turmeric field.</li> </ul>
<b>Milch animals</b>	-	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals also maintain good aeration in farm shed.</li> <li>Protect the farm animals from rain 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.**