



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. Konkani 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 –03/07/2019 to 09/07/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 14/07/2019				
03/07	04/07	05/07	06/07	07/07	08/07	09/07		10/07	11/07	12/07	13/07	14/07
46.4	9.2	17.2	63.2	90.2	30.0	16.8	Rainfall (mm)	50	45	45	45	63
30.0	30.0	29.0	28.5	28.0	30.0	29.0	Maximum temperature (°C)	30	30	30	31	31
24.0	24.0	24.5	24.5	24.5	24.5	25.0	Minimum temperature (°C)	25	25	25	25	25
6	6	8	6	6	6	6	Cloud cover (Octa)	8	8	8	8	8
96	98	97	93	92	89	100	Relative Humidity Max. (%)	91	92	92	92	92
92	92	92	92	78	89	-	Relative Humidity Min. (%)	81	81	82	83	80
5.9	3.4	7.9	12.3	14.8	13.7	14.7	Wind speed (Km/hr)	15	13	14	12	11
W	Calm	W	W	SW	W	SW	Wind direction	236	235	227	215	237
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
273.0							1049.5	3071.8				

**Agro-met Advisory**

There is possibility of rainfall from 10<sup>th</sup> to 14<sup>th</sup> July, 2019 and wind velocity ranges from 11 to 15 Kmph.  
Extended range rainfall forecast for Konkani division for the period of 12<sup>th</sup> to 18<sup>th</sup> July 2019 is above normal.

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Seedling</b>	<ul style="list-style-type: none"> <li>Repair the bunds of rice field and keep bunds weed free.</li> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from rice nursery and maintain optimum water level of 2.5 to 5cm upto 30 days after transplanting.</li> <li>Prepare field for transplanting by puddling. At the time of puddling apply 87kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare. If incorporation of 5 tonnes of glyricidia leaves per hectare is done then reduce the dose of nitrogenous fertilizers to 50 percent.</li> </ul> <p><b>Note:</b> Postpone application of fertilizers at the time of puddling when intensity of rainfall is high</p> <ul style="list-style-type: none"> <li>Rice seedling with 5 to 6 leaves with height of 12 to 15 cm and 20 to 27 days old are consider ideal for transplanting. It is recommended to transplant 20 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties.</li> <li>Transplant 2-3 rice seedling 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> </ul>
<b>Finger millet</b>	<b>Seedling</b>	<ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from nursery.</li> <li>Carryout weeding in finger millet nursery.</li> <li>For preparation of field finger millet, carryout ploughing and incorporate 5 tonnes of FYM or compost per hectare at the time of ploughing.</li> </ul>
<b>New plantation</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to forecast for increase in wind speed, provide support to newly planted fruit crops.</li> </ul>
<b>Coconut, Arecanut</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> <li>Proper support should be given to cucurbitaceous crops.</li> </ul>
<b>Milch animals/Goat /Poultry</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> <li>Carryout planting of biennial and perennial forage crops for animal. The varieties of perennial crops (stumps) like paragrass, Hybrid napier (Jayawant CO- 3, Yashwant) etc.</li> </ul>

**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 Konkani Krishi Vidyapeeth, Dapoli.**

**For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.**