



**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 –24/06/2020 to 30/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 05/07/2020				
24/06	25/06	26/06	27/06	28/06	29/06	30/06		01/07	02/07	03/07	04/07	05/07
2.2	0.0	1.0	0.0	13.4	6.2	6.6	Rainfall (mm)	56	30	90	100	98
30.6	31.5	31.2	31.6	31.6	30.4	31.2	Maximum temperature (°C)	32	31	31	31	32
23.6	24.6	24.4	24.5	23.0	24.0	24.0	Minimum temperature (°C)	25	24	25	26	25
0	4	8	0	4	4	4	Cloud cover (Octa)	7	5	6	8	8
89	90	97	80	90	96	92	Relative Humidity Max. (%)	94	94	94	96	95
75	77	81	81	85	87	-	Relative Humidity Min. (%)	73	74	71	84	90
5.8	5.9	4.4	3.4	4.4	3.5	3.5	Wind speed (Km/hr)	6	5	9	11	13
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	SSE	SSE	WSW	WSW	WSW
<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>				
29.4				779.9				5130.9				

**Agro-met Advisory**

**There is possibility of moderate rainfall from 1<sup>st</sup> to 5<sup>th</sup> July, 2020 at most places along with possibility of heavy rainfall at isolated places.**

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>As there is forecast for moderate rainfall at most places and heavy rainfall at isolated place, it is advise to undertake transplanting. transplant 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. 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 glyricida 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> <li>Due to intermittent rainfall and increase in humidity, there is possibility of incidence of army worm in rice nursery, hence observe crop regularly for infestation of pest. Keep bunds weed free. And if incidence is noticed, spray Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water (Note: insecticide is not under label claim).</li> <li>For controlling the crabs from rice field, in initial stage collect the crabs in torch light for 2 to 3 nights and destroy it. Then use bait prepare with the help of cook rice from 1 kg of raw rice and add insecticide Acephate 75WP @ 75 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again put the bait. For better control continue it for 7 days and also perform cooperatively with other farmers (Note: insecticide is not under label claim).</li> </ul>
<b>Finger millet</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>As there is forecast for moderate rainfall at most places and heavy rainfall at isolated place, it is advise to undertake transplanting of finger millet seedlings. 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>Arecanut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>During rainy season due to increase in humidity, there is possibility for incidence of 'koleroga' disease in arecanut orchard. To prevent the incidence of fungal disease, give 2<sup>nd</sup> spray of 1 % bordomixture mixing with sticker on to crown region when intensity of rainfall is low.</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>Chilli</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. If incidence is noticed on transplanted chilli, spray dimethoate 30%EC 10 ml + Sulphur 20 gms per 10</li> </ul>

		liter of water at 10-15 days interval when intensity of rainfall is low. For control of thrips spray cow urine 10% and Azadirachtin 10000 PPM @3 ml per liter of water alternatively, seven days after transplanting at 10-15 days interval.
<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.		
<p><b>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.</b></p>		