



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387



No. 51/2020

Date: 26/06/2020

Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period –20/06/2020 to 26/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 01/07/2020				
20/06	21/06	22/06	23/06	24/06	25/06	26/06		27/06	28/06	29/06	30/06	01/07
5.6	2.2	16.8	9.3	2.2	0.0	1.0	Rainfall (mm)	30	12	12	10	12
30.5	31.0	30.0	30.5	30.6	31.5	31.2	Maximum temperature (°C)	32	33	32	33	33
24.2	25.7	24.0	23.0	23.6	24.6	24.4	Minimum temperature (°C)	26	26	26	26	26
4	6	4	4	0	4	8	Cloud cover (Octa)	8	8	8	8	8
95	95	93	92	89	90	97	Relative Humidity Max. (%)	91	89	88	88	91
78	98	82	82	75	77	-	Relative Humidity Min. (%)	69	70	67	65	72
4.8	5.7	4.2	5.6	5.8	5.9	4.4	Wind speed (Km/hr)	3	4	5	4	4
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	S	S	SSW	SSW	SSW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
37.1				753.7				5130.9				

**Agro-met Advisory**

**There is forecast of light to moderate rainfall from 27<sup>th</sup> June to 1<sup>st</sup> July, 2020 also possibility of heavy rainfall from 28<sup>th</sup> to 30<sup>th</sup> June,2020 at isolated places.**

Crop	Stage	Agro Advise
<b>General advice</b>	--	<ul style="list-style-type: none"> <li>As there is forecast for light rainfall during next five days, provide irrigation to re-established orchard in area affected by “Nisarg” cyclone.</li> </ul>
<b>Kharif rice</b>	<b>Seedling</b>	<ul style="list-style-type: none"> <li>As there is forecast for light rainfall during next five days, provide irrigation to rice nursery.</li> <li>As there is forecast for light rainfall, it is advise to transplant the rice seedlings where irrigation facility is available. Also provide irrigation to already transplanted rice seedlings.</li> <li>Transplant rice seedling 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>Nursery</b>	<ul style="list-style-type: none"> <li>As there is forecast for light rainfall during next five days, provide irrigation to finger millet nursery.</li> </ul>
<b>Cashewnut</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>For control of leaf drop in cashewnut, spray 0.2% Mancozeb @ 20 ml per 10 liter of water on entire tree.</li> </ul>
<b>Jackfruit</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>For above five year old jackfruit tree, apply 20 kg well decomposed F.Y.M. along with 1 kg urea, 1.5 kg single super phosphate and 500 gm muriate of potash in circular basin. Apply 1/5<sup>th</sup>, 2/5<sup>th</sup>, 3/5<sup>th</sup> and 4/5<sup>th</sup> of above-mentioned fertilizer dose per tree for 1,2,3 and 4-year-old jackfruit orchard, respectively.</li> </ul>
<b>Aonla</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>For fully grown tree of aonla, apply 10 kg well decomposed F.Y.M. along with 500 gm urea, 1.5 kg single super phosphate and 400 gm muriate of potash in circular basin.</li> </ul>
<b>Vegetable crops</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>As there is forecast for light rainfall during next five days, provide irrigation to vegetable</li> </ul>

		crops.
<b>Cucurbitaceous crops</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• As there is forecast for light rainfall during next five days, provide irrigation to cucurbitaceous crops.</li> <li>• Proper support should be given to cucurbitaceous crops which are in growing stage.</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>		