



**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. 48/2020

Date: 16/06/2020

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 –10/06/2020 to 16/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 21/06/2020				
10/06	11/06	12/06	13/06	14/06	15/06	16/06		17/06	18/06	19/06	20/06	21/06
8.0	18.2	13.0	45.8	15.2	20.0	18.8	Rainfall (mm)	130	90	73	76	78
31.4	31.2	31.2	30.0	31.0	31.2	29.5	Maximum temperature (°C)	32	33	33	33	33
23.0	22.5	24.0	22.4	23.8	24.5	24.7	Minimum temperature (°C)	25	25	25	24	24
4	4	6	8	6	8	6	Cloud cover (Octa)	8	8	8	8	7
92	96	96	100	95	98	98	Relative Humidity Max. (%)	96	96	96	96	95
75	76	85	76	86	88	-	Relative Humidity Min. (%)	92	93	92	91	91
5.2	4.2	6.9	6.0	5.5	5.5	4.7	Wind speed (Km/hr)	14	11	10	7	10
SW	SW	N	Calm	Calm	Calm	Calm	Wind direction	SW	SSW	SSW	S	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
139.0				458.6				5130.9				

**Agro-met Advisory**

**There is forecast of heavy rainfall from 17<sup>th</sup> to 21<sup>st</sup> June, 2020 and very heavy rainfall at isolated place on 17<sup>th</sup> June, 2020**

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Seedling</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall during next five days, make arrangement for drain out excess water from rice nursery area.</li> <li>• Apply 1 kg urea per guntha at 15 days after sowing of rice nursery when intensity of rainfall is low.</li> <li>• Repair the bunds of rice field and keep bunds weed free.</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>• Due to forecast of heavy rainfall during next five days, make arrangement for drain out excess water from finger millet nursery.</li> <li>• If sowing of finger millet nursery is not completed then it is advise to complete sowing operation.</li> </ul>
<b>Mango</b>	--	<ul style="list-style-type: none"> <li>• Apply fertilizer dose to mango tree when intensity of rainfall is low. For above 10 year old mango tree, apply 50 to 100 kg well decomposed FYM, 3 kg 250 gm urea, 3 kg 125 gm single super phosphate and 2 kg sulphate of potash by digging circular ring of 45 to 60 cm wide and 15 cm depth just inside the spread of tree.</li> </ul>
<b>Coconut</b>	--	<ul style="list-style-type: none"> <li>• Apply fertilizer dose to coconut palm when intensity of rainfall is low. For above five year old coconut palm apply 30 kg well decomposed F.Y.M. along with 750 gm urea, 3 kg single super phosphate and 667 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 coconut plantation, respectively.</li> <li>• Make arrangement for drain out excess water from coconut orchard.</li> </ul>
<b>Arecanut</b>	--	<ul style="list-style-type: none"> <li>• Make arrangement for drain out excess water from arecanut orchard.</li> </ul>
<b>Vegetable crops</b>	<b>Nursery</b>	<ul style="list-style-type: none"> <li>• Due to forecast of heavy rainfall, make arrangement for drain out excess water from vegetable crop nursery.</li> </ul>
<b>New fruit crop plantation</b>	<b>Plantation</b>	<ul style="list-style-type: none"> <li>• Undertake new plantation of mango, cashewnut, sapota etc. fruit crops. Plant graft by keeping soil ball intact to the root and graft joined remains slightly above the ground level. For control of termite apply 100 gms of 1.5% chlorpyrifos powder into pit at the time of planting. Provide support to graft after planting. (Note: insecticide is not under label claim).</li> </ul>
<b>Animal husbandry</b>	-	<ul style="list-style-type: none"> <li>• Provide clean and hygienic drinking water to farm animals also protect farm animals from rain water.</li> <li>• Carryout planting of biennial and perennial fodder crops for animal. The varieties of perennial crops (stumps) like paragrass, Hybrid napier (Jayawant CO- 3, Yashwant) etc.</li> <li>• Vaccination against Enterotoxin disease in farm animals under supervision of veterinary officers is advocated.</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.**