



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



No. 67/2019

Date: 20/08/2019

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 –14/08/2019 to 20/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 25/08/2019				
14/08	15/08	16/08	17/08	18/08	19/08	20/08		21/08	22/08	23/08	24/08	25/08
16.6	32.6	25.2	12.8	3.8	6.8	1.8	Rainfall (mm)	5	9	15	20	10
28.5	28.6	28.5	29.5	30.0	30.0	29.0	Maximum temperature (°C)	30	31	29	29	31
24.5	24.0	24.0	25.0	24.0	24.0	23.6	Minimum temperature (°C)	25	24	23	24	23
6	6	4	4	4	4	4	Cloud cover (Octa)	7	8	8	7	8
98	98	97	90	90	96	96	Relative Humidity Max. (%)	92	94	93	93	93
89	92	85	86	85	76	-	Relative Humidity Min. (%)	68	73	76	75	72
1.8	2.8	1.5	0.4	0.8	2.5	0.7	Wind speed (Km/hr)	3	5	6	7	6
W	W	W	W	W	NW	Calm	Wind direction	180	159	186	201	168
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
99.6							3496.9	3071.8				

**Agro-met Advisory**

**There is possibility of light to moderate rainfall from 21<sup>st</sup> to 25<sup>th</sup> August, 2019 and sky will be cloudy. Extended range rainfall forecast for Konkan division for the period of 23<sup>rd</sup> to 29<sup>th</sup> August, 2019 is below normal.**

Crop	Stage	Agro Advise
<b>Kharif rice</b>	<b>Tillering</b>	<ul style="list-style-type: none"> <li>Due to forecast for light rain, maintain the optimum water level of 5cm in the rice field.</li> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle on low land rice, hence observe crop regularly for infestation of pest. Alter the stagnated water with fresh water after every 2-3 days. Maintain water level of 5 cm in the field. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water.</li> <li>Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to forecast of increase in temperature which is congenial for vegetative flush in mango, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC@ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20 g per 10 liter of water.</li> </ul>
<b>Cashewnut</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to prevailing condition of continuous heavy rain, there was increase in humidity and low sunshine hours favors development of fungal disease causing leaf drop and branch rot in cashewnut, for control spray Metalaxyl 8% + Mancozeb 64% combination fungicide @ 20 g per 10 liter of water.</li> </ul>
<b>Vegetable crops</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of stink bug on cucumber, bitter gourd, snake gourd, bottle gourd, red pumpkin and ridge gourd etc. cucurbitaceous crops. If incidence is noticed, spray Cypermethrin 25%EC @3 ml per 10 liters of water.</li> <li>Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence is noticed removes and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days.</li> <li>Give third split dose of urea @ 720 g to 870 gm per guntha area after weeding at 60 days after sowing for cucurbitaceous crops. Give earthing up at the time of fertilizer application.</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 Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.**