



Agromet Advisory Service Bulletin for Ratnagiri District
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& Regional India Meteorological Department, Mumbai)
(02358) 282387



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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 –10/08/2019 to 16/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 21/08/2019				
10/08	11/08	12/08	13/08	14/08	15/08	16/08		17/08	18/08	19/08	20/08	21/08
32.2	5.8	28.8	14.8	16.6	32.6	25.2	Rainfall (mm)	30	24	25	20	10
27.0	28.0	28.2	28.4	28.5	28.6	28.5	Maximum temperature (°C)	30	31	29	30	30
25.0	25.0	25.0	24.5	24.5	24.0	24.0	Minimum temperature (°C)	26	26	25	26	25
6	4	4	4	6	6	4	Cloud cover (Octa)	6	8	8	7	6
98	90	98	97	98	98	97	Relative Humidity Max. (%)	95	94	93	93	93
92	92	86	90	89	92	-	Relative Humidity Min. (%)	84	78	78	79	74
10.0	10.3	4.2	2.6	1.8	2.8	1.5	Wind speed (Km/hr)	9	8	6	5	4
SW	W	W	W	W	W	W	Wind direction	242	217	201	185	165
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
156.0							3471.7	3071.8				

Agro-met Advisory

There is possibility of moderate rainfall from 17th to 21st August, 2019 and sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period of 16th to 22nd August, 2019 is normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle and caseworm 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. If incidence of rice case worm is noticed on rice crop, then flood the field with water followed by dragging the rope to dislodge the cases and drain out water from field after 1-2 hrs. Collect the cases and destroy then maintain the water level of 5 cm in the field with fresh water. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding. Due to forecast for moderate rain, maintain the optimum water level of 5cm in the rice field. Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease on rice crop. If incidence is noticed spray tricyclazole 75%WP @ 10 gm per 10 liter of water. The next two spray should be taken at an interval of 21 days.
Finger millet	Tillering	<ul style="list-style-type: none"> Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to finger millet at tillering stage after weeding.
Mango	Vegetative	<ul style="list-style-type: none"> Complete the application of paclobutrazol (cultar) for regular flowering in alphanso mango trees of 10 years old and above.
Coconut	Vegetative	<ul style="list-style-type: none"> Give earthing up in newly planted coconut orchard and keep orchard weed free. There is possibility of incidence of bud rot disease due to heavy rain, if incidence noticed spray coconut plant with 1% bordomixture. Clean old coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation in orchard. There is possibility of bud rot due to heavy rain, if incidence noticed spray 1% bordomixture on to the crown region.
Vegetable crops	Flowering	<ul style="list-style-type: none"> Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop when it is in flowering for effective control of fruit fly. There is possibility of incidence of red pumpkin beetle on cucumber, bitter gourd, snake gourd, bottle gourd, red pumpkin and ridge gourd etc. cucurbitaceous crops. If incidence is noticed, spray Dimethoate 30%EC @ 15 ml or malathion 50%EC @20 ml per 10 liters of water. 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. Give third split dose of urea @ 720 g per guntha area after weeding at 60 days after sowing for okra crop.

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.

