



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by IAAS, 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 –17/08/2019 to 23/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 28/08/2019				
17/08	18/08	19/08	20/08	21/08	22/08	23/08		24/08	25/08	26/08	27/08	28/08
5.6	8.8	2.4	1.2	3.0	33.4	6.0	Rainfall (mm)	5	18	20	25	45
30.0	30.2	30.7	31.4	31.8	27.8	-	Maximum temperature (°C)	32	32	31	32	31
24.5	24.2	24.4	25.0	24.8	23.5	-	Minimum temperature (°C)	25	25	24	24	25
8.0	8.0	8.0	8.0	6.0	8.0	-	Cloud cover (Octa)	7	8	7	4	5
95.0	93.0	87.0	92.0	93.0	97.0	-	Relative Humidity Max.(%)	94	94	94	95	96
78.0	79.0	68.0	69.0	89.0	83.0	-	Relative Humidity Min. (%)	69	72	78	72	79
6.2	3.8	3.7	3.2	3.5	1.7	-	Wind speed (Km/hr)	5	6	7	8	6
NE	ENE	NNW	NNE	ENE	Calm	-	Wind direction	SSE	S	SSE	S	S
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
60.4						3564.1		3558.3				

Agro-met Advisory

There is possibility of moderate rainfall from 24th to 28th August, 2019 and sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period of 23rd to 29th August, 2019 is below normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> Maintain the optimum water level of 5 cm in the rice field. 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. 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 litres of water. Due to forecast of high humidity and increase in temperature, there is possibility of incidence of bacterial leaf blight disease on rice. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim).
Mango	Vegetative	<ul style="list-style-type: none"> 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.
Cashewnut	Vegetative	<ul style="list-style-type: none"> 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.
Vegetable crops	Flowering	<ul style="list-style-type: none"> 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. Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove 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.

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.