



Agromet Advisory Service Bulletin for Ratnagiri District
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Duration – 5 days

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Significant past weather for the preceding week (Period –11/09/2019 to 17/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 22/09/2019				
11/09	12/09	13/09	14/09	15/09	16/09	17/09		18/09	19/09	20/09	21/09	22/09
8.4	10.6	43.4	22.8	13.0	15.4	5.4	Rainfall (mm)	8	9	10	12	32
29.0	28.8	28.2	28.5	28.0	28.6	29.0	Maximum temperature (°C)	32	33	33	31	33
23.5	23.6	24.5	23.5	24.5	23.5	25.0	Minimum temperature (°C)	26	26	26	26	25
6	6	4	6	6	6	4	Cloud cover (Octa)	6	7	8	7	7
93	98	96	97	98	97	90	Relative Humidity Max. (%)	97	97	96	98	97
80	90	87	98	85	95	-	Relative Humidity Min. (%)	68	64	66	75	71
2.5	2.4	2.4	3.6	3.6	3.1	4.2	Wind speed (Km/hr)	3	3	4	3	4
W	Calm	Calm	Calm	Calm	W	W	Wind direction	156	158	166	183	195
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
119.0							4861.3	3071.8				

Agro-met Advisory

There is possibility of moderate rainfall, increase in maximum temperature from 18th to 22nd September, 2019 and Sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period of 20th to 26th September, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Panicle initiation to flowering	<ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation to flowering stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the mid-late varieties rice crop which is in flowering stage. 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. 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 then maintain the water level of 5 cm in the field with fresh water. Due to intermittent rainfall and cloudy weather condition will cause for incidence of brown plant hopper in lowline area where stagnation of water is observed. hence observe crop regularly for infestation of pest. If incidence of brown plant hopper is observed above threshold level (5-10 hopper/hill), spray Acephate 75%WP @ 2.25 g or Fipronil 5% SC @ 2 ml or Imidacloprid 17.8% SL @ 0.2 ml per liter of water. Make provision for replacing stagnated water with fresh water for every 2-3 days. Precaution should be taken to spray the insecticide on stem of rice plant.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in mango, for protection of vegetative flush of mango from hoppers attack, spray Deltamethrin 2.8%EC @ 9 ml g per 10 liter of water.
Cashewnut	Vegetative	<ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in cashewnut, for protection of vegetative flush of cashewnut from attack of tea mosquito bug and thrips, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.
Coconut	--	<ul style="list-style-type: none"> For control of adults and grabs of rhinoceros beetle spray the FYM pits with Chloripyriphos 20 ml in 10 lit of water. Clean coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation.
Vegetable crops	Fruiting	<ul style="list-style-type: none"> 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.

• **Note: spraying should be taken in dry period during day.**

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 Konkani Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.