



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkani 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 –21/08/2019 to 27/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 01/09/2019				
21/08	22/08	23/08	24/08	25/08	26/08	27/08		28/08	29/08	30/08	31/08	01/09
4.2	21.0	38.8	16.0	15.8	6.0	9.0	Rainfall (mm)	25	25	30	25	20
29.2	29.0	29.2	29.0	29.2	29.0	29.0	Maximum temperature (°C)	31	31	31	30	30
24.0	24.1	23.5	25.0	23.5	23.5	23.0	Minimum temperature (°C)	24	24	24	23	23
6	4	6	4	4	4	4	Cloud cover (Octa)	5	4	4	7	7
98	98	98	92	93	90	98	Relative Humidity Max. (%)	94	94	94	95	95
83	85	80	85	86	80	-	Relative Humidity Min. (%)	78	78	80	83	86
1.6	3.7	3.8	1.5	3.8	3.4	4.1	Wind speed (Km/hr)	9	7	9	9	9
W	Calm	W	SW	W	Calm	W	Wind direction	SSW	SSW	SW	WSW	SW
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
110.8							3607.7	3071.8				

Agro-met Advisory

There is possibility of moderate rainfall from 28th August to 1st September, 2019 and sky will be cloudy.

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

Crop	Stage	Agro Advise
Kharif rice	Panicle initiation	<ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha to the early 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 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.
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. 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. Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop for effective control of fruit fly.
<p align="center">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.</p>		