



**Agromet Advisory Service Bulletin for Raigad District**  
(Issued jointly by IAAS, Dr. B.S. Konkani Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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No. 70/2019

Date: 30/08/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –24/08/2019 to 30/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 04/09/2019				
24/08	25/08	26/08	27/08	28/08	29/08	30/08		31/08	01/09	02/09	03/09	04/09
1.2	5.4	22.5	0.2	0.0	4.8	2.5	Rainfall (mm)	25	23	23	30	28
-	-	-	-	-	-	-	Maximum temperature (°C)	32	31	32	31	31
-	-	-	-	-	-	-	Minimum temperature (°C)	25	25	25	26	25
-	-	-	-	-	-	-	Cloud cover (Octa)	7	8	7	7	8
-	-	-	-	-	-	-	Relative Humidity Max.(%)	93	93	93	93	94
-	-	-	-	-	-	-	Relative Humidity Min. (%)	74	81	75	82	87
-	-	-	-	-	-	-	Wind speed (Km/hr)	8	8	10	7	9
-	-	-	-	-	-	-	Wind direction	224	194	194	221	199
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
36.6						3597.7		3558.3				

**Agro-met Advisory**

There is possibility of moderate rainfall from 31<sup>st</sup> August to 4<sup>th</sup> September, 2019 and sky will be cloudy.

Extended range rainfall forecast for Konkani division for the period of 30<sup>th</sup> August to 5<sup>th</sup> September, 2019 is above normal.

Crop	Stage	Agro Advise
<b>Special advise</b>	-	<ul style="list-style-type: none"> <li>In situation of complete loss of rice crop due to flood, drain out excess water by making drainage channel (1-1.5 ft width and 2-2.5 ft depth) along the slope in low lying area which will help to bring soil moisture to field capacity. After soil moisture reaches to field capacity, cultivation of short duration pulses (cowpea, horse gram, green gram, lablab bean) niger or short duration vegetable crops (coriander, spinach, amaranthus, fenugreek) is advised for remaining kharif period which will help to recover partial loss due to failure of rice crop.</li> </ul>
<b>Kharif rice</b>	<b>Panicle initiation</b>	<ul style="list-style-type: none"> <li>Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation stage.</li> <li>Apply 3<sup>rd</sup> split dose of nitrogen @ 43 kg urea/ha to the early varieties rice crop which is in flowering stage.</li> <li>Due to forecast of intermittent rainfall and 27-28°C prevailing mean temperature there will be incidence of stem borer and leaf folder on rice. If incidence is noticed, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil. If field is dry then spray Quinalphos 25%EC@26 ml or Cartap hydrochloride 50% @ 20 g or Triazophos 40%EC@ 12.5 ml per 10 liter of water. If required repeat the spray at an interval of 8-10 days.</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>Vegetable crops</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop for effective control of fruit fly.</li> </ul>

- 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.**