

**Agromet Advisory Service Bulletin for Ratnagiri District**  
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**Significant past weather for the preceding week**  
(Period –11/09/2017 to 15/09/2017)

Rainfall (mm):	81.2
Total Rainfall (mm):	2873.0
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	30.6-33.0
Minimum temperature (°C)	23.0-25.0
Morning RH (%)	95-98
Afternoon RH (%)	76-81
Wind Speed (km/hr):	0.8-2.9
Total cloud cover (Octa)	0-6

**Weather forecast until 08.30 hrs of 20/09/2017**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	16/09	17/09	18/09	19/09	20/09
Rainfall (mm)	12	10	14	20	45
Maximum temperature (°C)	32	31	32	31	30
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (Octa)	8	8	6	8	8
Relative Humidity Max. (%)	89	89	87	87	89
Relative Humidity Min. (%)	75	78	73	78	83
Wind Speed (Km/hr)	010	008	011	019	009
Wind Direction	191	193	250	239	176

**: Agro-met Advisory:**It is possibility rainfall of 16<sup>th</sup> to 20<sup>th</sup> September, 2017. Sky will be cloudy from 16<sup>th</sup> to 20<sup>th</sup> September, 2017. Wind velocity range from 8 to 19 km/hr from 16<sup>th</sup> to 20<sup>th</sup> September, 2017.

Crop	Crop Stage	Agromet Advisory
Rice	Panicle initiation	<ul style="list-style-type: none"> <li>Farmers are requested to supervise daily rice transplanted field to observe pests and diseases. Maintain water level 5 cm by bunding rice field.</li> <li>Apply 3<sup>rd</sup> split dose of fertilizer to the mid-late and late rice varieties at the time of flowering of rice crop @ 20 Kg N/ha.</li> <li>There is a possibility for incidence of blue beetle, if it is noticed; spray Quinalphos 25% EC @ 2 lit. or or Triazophos 40% EC @ 625 ml or lambdacyhalothrin 5% EC @ 250 ml in 500 lit. of water per hector.</li> <li>There is a possibility for incidence of fungal disease of blast on rice crop, if incidence is noticed; spray any one fungicides of Tricyclazole (75% WP) @ 10 gm per 10 lit of water or Isoprothiolane 40% @ 10 ml per 10 lit or water.</li> </ul>
Mango and Cashew	----	<ul style="list-style-type: none"> <li>Weeding should be followed in Mango and Cashew garden with the help of sickle/grass cutting machine or spray Glyphosate weedicide @ 3-4 ml per lit water for effective control of weeds.</li> </ul> <p><b>Note :</b> To avoid grazing of animal on weedicide spray in mango and cashew garden.</p>
Coconut, Arecanut	--	<ul style="list-style-type: none"> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 % Monocrotophos or 20% Chlorphyriphos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Apply osety AL 0.3% (30 g/10 lit. water) + Urea Suphala 111 briquettes or Fosety AL 0.3% (30 g/10 lit. water) + Annapurana 76 briquettes per arecanut palm to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.</li> </ul>
Vegetable crop	Fruiting stage	<ul style="list-style-type: none"> <li>Install methyl ugenol "Rakshak" tarp @ 4 nos. per ha in cucurbitaceous vegetable crops, for effective control of fruit fly.</li> </ul>
Goats/ Milch animals	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Protect the poultry birds from low temperature by providing electric bulbs as per the need.</li> </ul>

<b>Suggestion</b>	--	<ul style="list-style-type: none"><li>• Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li></ul>
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