



## Agromet Advisory Service Bulletin for Raigad District

(Issued jointly by IAAS, Dr. B.S. KonkankrishiVidyapeeth, &amp; Regional India Meteorological Department, Mumbai)

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**Significant past weather for the preceding week**  
(Period –05/03/2018 to 09/03/2018)

Rainfall (mm):	
Total Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature ( <sup>o</sup> C)	
Minimum temperature ( <sup>o</sup> C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

**Weather forecast until 08.30 hrs of 14/03/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	10/03	11/03	12/03	13/03	14/03
Rainfall (mm)	0	0	0	0	0
Maximum temperature ( <sup>o</sup> C)	30	30	31	31	32
Minimum temperature ( <sup>o</sup> C)	20	21	21	22	22
Total cloud cover (Octa)	2	3	4	5	4
Relative Humidity Max. (%)	70	71	70	64	68
Relative Humidity Min. (%)	43	44	43	41	41
Wind Speed (Km/hr)	006	007	006	005	004
Wind Direction	224	56	94	102	108

**: Agro-met Advisory:**

Sky will be slightly cloudy from 10<sup>th</sup> to 14<sup>th</sup> March, 2018. Wind velocity range from 4 to 7 kmph from 10<sup>th</sup> to 14<sup>th</sup> March, 2018.

Crop	Crop Stage	Agromet Advisory
Summer Rice	Seedling	<ul style="list-style-type: none"> <li>Apply 1<sup>st</sup> split dose of urea @ 55 kg/ha and maintained water level on rice field upto level 5 cm. before application of urea weeding should be carried out.</li> </ul>
Pulses crops	Maturity stage	<ul style="list-style-type: none"> <li>Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight.</li> </ul>
Mango and Cashew	Plantation	<ul style="list-style-type: none"> <li>Due to temperature variation it is possibility for fruit drop of mango hence, apply irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval to reduce fruit drop and increase the size of fruits.</li> <li>For increasing the production and quality improvement of fruits of mango, spraying of 1 % urea and 1 % Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended.</li> <li>Next five days forecasted medium wind speed hence, support mango fruits bearing branches to avoid bark damage.</li> <li>To avoid damage from increasing temperature as well as damage from fruit fly, wrap paper bags to marble to development size clear mango fruit.</li> <li>If incidence of mango hopper is noticed on mango crop, spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of powdery mildew mix Hexaconazole 5% EC @ 5 ml or Sulphur 80% WP @ 20 gm per 10 lit of water.</li> <li>If incidence of Tea mosquito on new emerging flush of cashew is noticed, spray Lambda Cyhalothrin 5% EC (6 ml. in 10 lit. of water).</li> </ul> <p>(These insecticide are not under label claim)</p>
Coconut, Arecanut	--	<ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</li> <li>To control red palm weevil affected coconut, 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>Spray 1% Bordeaux mixture before rains or 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 and watermelon crop	--	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</li> </ul>
Goats/ Milch animals/ Poultry	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of biennial and perennial forage crops for livestock like paragrass, hybrid napier, CO-3, yashwant etc.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate,.</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</li> </ul>
Suggestion	--	<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>