



**Agromet Advisory Service Bulletin for Raigad District**  
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)

**Dr. Uttam Mahadkar,**  
Head,  
Department of Agronomy  
9422791998

**Dr. D.N. Jagtap,**  
Nodal Officer,  
Department of Agronomy  
9403988143

**Prof. Viresh Chavan,**  
Technical Officer,  
Department of Agronomy  
9422065344

**Significant past weather for the preceding week**  
(Period –15/04/2016 to 18/04/2017)

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

**Weather forecast until 08.30 hrs of 23/04/2017**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	19/04	20/04	21/04	22/04	23/04
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	35	35	36	36	34
Minimum temperature (°C)	25	25	24	24	24
Total cloud cover (Octa)	0	0	0	0	1
Relative Humidity Max. (%)	66	68	75	78	80
Relative Humidity Min. (%)	32	33	41	51	55
Wind Speed (Km/hr)	015	012	010	009	005
Wind Direction	200	65	221	216	240

**: Agro-met Advisory:**

**Sky will be slightly cloudy on 23<sup>rd</sup> April, 2017. Wind velocity range from 5 to 15 kmph on 19<sup>th</sup> to 23<sup>rd</sup> April, 2017.**

Crop	Crop Stage	Agromet Advisory
<b>Mango and Cashew</b>	Fruiting Stage	<ul style="list-style-type: none"> <li>Apply protected irrigation for alphonso mango @ 150 to 200 lit. of water at 10 days interval to reduce fruit drop and increase the size of fruits.</li> <li>There is possibility of incidence of Mango fruit fly, install 'Rakshak fruit fly traps' developed by University @ 4 traps per ha. area.</li> <li>Mango fruits mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Nutan mango harvester at 80 to 85% maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Don not apply any insecticides/fungicides 8 days before harvesting of mango fruits.</li> <li>If incidence of red mite was noticed, spray Dicofol 18.5% EC @ 10 ml. per 10 liter water to control of leaf drop.</li> <li>It is necessary to protect fruit set of cashew from tea mosquito bug and thrips by spraying it with 50 % Profenophos 10 ml or 5% Lambda cyhalothrin @ 5 ml per 10 litres of water.</li> <li>In cashew cultivated places cashew nut ready to harvest. Matured cashew nuts dry under sunlight after harvesting.</li> <li>Prepare different processed product from cashew apple as per recommended by Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.</li> </ul>
<b>Coconut, Arecanut</b>	--	<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 + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>
<b>Vegetable</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>There is possibility of incidence of fruit fly on cucurbitaceous crops, install 'Rakshak' fruit fly traps developed by University @ 4 traps per ha. area.</li> </ul>
<b>Watermelon</b>	--	<ul style="list-style-type: none"> <li>Harvest the mature fruits of watermelon by observing weathered tendril near peduncle of fruits and after completion of duration of variety.</li> <li>Installation of <b>Rakshak</b> fruit fly traps developed by the University @ 4 traps per ha area is advocated to control fruit fly in cucurbitaceous crops as well as watermelon crop.</li> </ul>
<b>Goats/ Milch animals</b>	--	<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 binneal forage crops like Paragrass, Napier, Gajraj etc is advocated.</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>