



## Agromet Advisory Service Bulletin for Raigad District

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

**Dr. Subhash Chavan,**  
Head,  
Department of Agronomy  
9422431067

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

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

**Significant past weather for the preceding week  
(Period –28/04/2018 to 02/05/2018)**

Rainfall (mm):	0.0
Total Rainfall 01/01/2018 (mm):	0.0
Total Rainfall (mm) (last year)	4269.8
Maximum temperature (°C)	39.2-41.4
Minimum temperature (°C)	21.0-23.2
Morning RH (%)	65-76
Afternoon RH (%)	18-34
Wind Speed (km/hr):	4.3-5.0
Total cloud cover (Octa)	0-4

**Weather forecast until 08.30 hrs of 07/05/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	03/05	04/05	05/05	06/05	07/05
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	33	34	34	34
Minimum temperature (°C)	24	25	24	24	24
Total cloud cover (Octa)	1	1	1	1	2
Relative Humidity Max. (%)	94	93	94	94	92
Relative Humidity Min. (%)	57	57	62	59	62
Wind Speed (Km/hr)	003	003	004	004	003
Wind Direction	59	92	66	45	149

**: Agro-met Advisory:**

**Sky will be slightly cloudy from 3<sup>rd</sup> to 7<sup>th</sup> May, 2018. Wind velocity range from 3 to 4 kmph from 3<sup>rd</sup> to 7<sup>th</sup> May, 2018.**

Crop	Crop Stage	Agromet Advisory
Summer Rice	Grain filling and maturity	<ul style="list-style-type: none"> <li>Water level of 5 cm to be maintained in the field during grain filling stage of rice and irrigation to be withheld 8 to 10 days before harvest to facilitate ripening and hardening of the grain.</li> </ul>
Pulses crops	Harvesting	<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. Stored dried grain in proper manner.</li> </ul>
Mango and Cashew	Harvesting	<ul style="list-style-type: none"> <li>Harvest the mature mango 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.</li> <li>To avoid post harvest disease infection on fruits, dip the harvested fruits immediately after harvest in the warm water (52° C) for 10 minutes and dry it in shade. For ripening of harvested mango fruits dip it in solution of 6.5 gm. Ethrel in 10 lit. of water for 5 minutes and dry it in shade. Packing of mango fruits in C.F.B. (corrugated fiber box) developed by B. S. Konkankrishi Vidyapeeth, Dapoli is advised. 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>There is possibility of incidence of Mango fruit fly, install 'Rakshak fruit fly traps' developed by University @ 4 traps per ha. area.</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. (These insecticide are not under label claim)</li> <li>In some places the nuts ready for harvesting. Harvest the matured nuts and dry under sunlight.</li> <li>Prepare different processed product from cashew apple as per recommended by Dr. Balasaheb Sawant Konkankrishi Vidyapeeth, Dapoli.</li> <li>Prepared the pits of recommended size on recommended spacing for planting of new fruit orchards.</li> </ul>
Coconut, Arecanut	--	<ul style="list-style-type: none"> <li>As there is increase in average temperature, irrigation should be given to coconut orchard at 5-6 days interval and for arecanut orchard at 4-5 days interval.</li> <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> </ul>
Vegetable crop	Harvesting Stage	<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> </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>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>Protect the animals from afternoon heat. Keep good aeration in animal shed.</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> <li>The temperatures during day are increasing hence protect poultry birds from heat.</li> <li>Cover the roof &amp; poultry shade with straw and cover the window &amp; the poultry shade with gunny bags and keep this gunny bags moist.</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>