No. 20/2017  Date: 10/03/2017  Duration – 5 days

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

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Significant past weather for the preceding week
(Period –06/03/2016 to 10/03/2017)

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Day–1</th>
<th>Day–2</th>
<th>Day–3</th>
<th>Day – 4</th>
<th>Day – 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Rainfall (mm) (last year)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maximum temperature (°C)</td>
<td>30</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>33</td>
</tr>
<tr>
<td>Minimum temperature (°C)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>21</td>
<td>20</td>
</tr>
<tr>
<td>Total cloud cover (Octa)</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Morning RH (%)</td>
<td>73</td>
<td>53</td>
<td>45</td>
<td>40</td>
<td>56</td>
</tr>
<tr>
<td>Afternoon RH (%)</td>
<td>52</td>
<td>44</td>
<td>30</td>
<td>33</td>
<td>35</td>
</tr>
<tr>
<td>Wind Speed (Km/hr)</td>
<td>009</td>
<td>010</td>
<td>008</td>
<td>009</td>
<td>005</td>
</tr>
<tr>
<td>Wind Direction</td>
<td>315</td>
<td>74</td>
<td>7</td>
<td>158</td>
<td>159</td>
</tr>
</tbody>
</table>

: Agro-met Advisory:

It is possibility rainfall of 11th March, 2017. Sky will be slightly cloudy on 11th to 13th March, 2017.
Wind velocity range from 5 to 10 kmph on 11th to 15th March, 2017.

**Crop** | **Crop Stage** | **Agromet Advisory**
--- | --- | ---
Mango and Cashew | Fruit Stage | • There is possibility for incidence of Mango hoppers on Alphonso mango, if it is noticed, spray Thiomethoxiam 25 EC (WDG) @ 1 g or Triazophos 40 @ 10 ml per 10 lit of water add 10 g Carbendazim or 20 g wetable sulphur or 5 gm hexaconizole for control of powdery mildew.

• For increasing the production and quality improvement of fruits of mango, spraying of 1% Potassium nitrate at peat stage, marble stage and arecanut size stage is recommended.

• Apply protected irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval to reduce fruit drop and increase the size of fruits.

• If the incidence of Cashew Stem and Root Borer (CSRB) is noticed in Cashew, remove the grubs from the holes with the help of 15 mm chisel and apply Chloropyriphos 20 EC @ 10 ml per litre of water on the stem (swabbing) and pour remaining solution around the stem near to the roots.

• It is necessary to protect new emerging flowering flush of cashew from Tea mosquito bug as well as leaf minor, by spraying it with monocrotophos 36% (15 ml in 10 lit. of water) or profenophos 15% (10 ml. in 10 lit. of water).

**Coconut, Arecanut** | --- | • Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.

• 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% Chlorpyriphos + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.

• Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.

**Vegetable** | Vegetative Stage | • In watermelon crop if symptoms of wilting is observed then drenching of carbandazim @ 1 gm. per lit. of water per vine.

• Apply straw mulch or polythene mulch for water melon crops.

• Installation of **Rakshak** 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.

**Goats/ Milch animals** | --- | • Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.

• Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated.

• Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.

**Suggestion** | --- | • Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.