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

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Duration – 5 days

No. 102/2017 Date: 22/12/2017
(02358) 282387

Significant past weather for the preceding week
(Period –18/12/2016 to 22/12/2017)

<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>23/12</td>
<td>24/12</td>
<td>25/12</td>
<td>26/12</td>
<td>27/12</td>
</tr>
<tr>
<td>Total Rainfall (mm):</td>
<td>0</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>32</td>
<td>34</td>
<td>34</td>
<td>34</td>
<td>35</td>
</tr>
<tr>
<td>Minimum temperature (°C):</td>
<td>18</td>
<td>19</td>
<td>19</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Total cloud cover (Octa):</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Relative Humidity Max. (%):</td>
<td>68</td>
<td>75</td>
<td>76</td>
<td>81</td>
<td>79</td>
</tr>
<tr>
<td>Relative Humidity Min. (%):</td>
<td>40</td>
<td>40</td>
<td>42</td>
<td>44</td>
<td>43</td>
</tr>
<tr>
<td>Wind Speed (Km/hr):</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Wind Direction:</td>
<td>81</td>
<td>85</td>
<td>76</td>
<td>84</td>
<td>82</td>
</tr>
</tbody>
</table>

: Agro-met Advisory:

Sky will be cloudy from 23rd to 25th December, 2017. Wind velocity range from 6 to 7 kmph from 23rd to 27th December, 2017.

Crop | Crop Stage | Agromet Advisory
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Groundnut/ Mustard | Emergence Stage | • For cultivation of rabi groundnut preliminary operation should be carried out. Deep ploughing and addition of 10 to 15 tonnes of FYM/Compost in groundnut field. Use of 125 to 150 kg seed for sowing. Use TG-26, TAG-24, TPG-41, Konkan Gaurav, Konkan Tapora any one variety for sowing.
• Weather is suitable for sowing of 'Mustard'. Sowing of seed of variety 'Pusa bold' and 'Varuna' at the spacing 45cm x 10 cm is advocated. Apply 1 kg urea and 3 kg SSP per R area before sowing of seed.

Mango and Cashew | Plantation | • If incidence of mango hopper is noticed spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim 12% + Mancozeb 63% @ 10 g per 10 lit of water.
• If incidence of Tea mosquito on new emerging flush of cashew is noticed, spray profenophos 15% (10 ml. in 10 lit. of water). (These insecticide are not under label claim)

Coconut, Arecanut | -- | • For control of adults and grubs of rhinoceros beetle. Dust the FYM pits with 2 % Methyl parathion powder after every 2 month interval.
• 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% Chlorpyriphos with the help of plastic funnel in the hole and close the hole with the help of cement.

Vegetable crop and watermelon crop | -- | • For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant.
• There is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters.
• For cultivation of watermelon ploughing and cloud crushing of land and furrow be prepared at 4 m length 90 cm apart the both side of furrow prepared 30 x 30 x30 cm size pit, apply 1 to 1.5 kg FYM + 10 gm Carbaryl (10%) Powder, mix thoroughly with soil, sowing of 3 to 4 seeds at the depth of 2 to 2.5 cm, thinning after 15 days emergence of seedling keep only 2 seedlings per pit. The 50 kg N + 50 kg P₂O₅ and 50 kg K₂O per ha was required. The 1/3rd dose of N and full dose of P₂O₅ and K₂O be applied at the time of sowing and remaining N be apply 1 and 2 months after sowing at equal quantity.

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