Agromet Advisory Service Bulletin for Ratnagiri District

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

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Significant past weather for the preceding week  
(Period –25/09/2017 to 29/09/2017)

<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>Day–1</td>
<td>Day–2</td>
<td>Day–3</td>
<td>Day – 4</td>
<td>Day – 5</td>
<td></td>
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<tr>
<td>30/09</td>
<td>01/10</td>
<td>02/10</td>
<td>03/10</td>
<td>04/10</td>
<td></td>
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<tr>
<td>Rainfall (mm):</td>
<td>25.4</td>
<td>19</td>
<td>17</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Total Rainfall (mm):</td>
<td>3468.2</td>
<td>31</td>
<td>31</td>
<td>31</td>
<td>32</td>
</tr>
<tr>
<td>Total Rainfall (mm) (last year)</td>
<td>4504.1</td>
<td>24</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Maximum temperature (°C)</td>
<td>29.6-31.0</td>
<td>21.6-24.0</td>
<td>8</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Minimum temperature (°C)</td>
<td>24</td>
<td>24</td>
<td>86</td>
<td>86</td>
<td>87</td>
</tr>
<tr>
<td>Morning RH (%)</td>
<td>93-97</td>
<td>73</td>
<td>73</td>
<td>72</td>
<td>70</td>
</tr>
<tr>
<td>Afternoon RH (%)</td>
<td>79-84</td>
<td>006</td>
<td>010</td>
<td>013</td>
<td>015</td>
</tr>
<tr>
<td>Wind Speed (Km/hr):</td>
<td>3.0-3.9</td>
<td>129</td>
<td>194</td>
<td>323</td>
<td>323</td>
</tr>
<tr>
<td>Total cloud cover (Octa)</td>
<td>0-6</td>
<td>129</td>
<td>194</td>
<td>323</td>
<td>323</td>
</tr>
</tbody>
</table>

: Agro-met Advisory:

It is possibility rainfall of 30th September to 4th October, 2017. Sky will be cloudy from 30th September to 4th October, 2017. Wind velocity range from 6 to 15 km/hr from 30th September to 4th October, 2017.

Crop | Crop Stage | Agromet Advisory
---|---|---
Rice Panicle initiation | • When intensity of rainfall very low apply 3rd split dose of fertilizer to the late rice varieties at the time of flowering of rice crop @ 20 Kg N/ha.  
• There is a possibility for incidence of blue beetle, if it is noticed; spray Quinalphos 25% EC @ 2 lit. or Triazophos 40% EC @ 625 ml or lambdacyhalothrin 5% EC @ 250 ml in 500 lit. of water per hectare.  
• There is a possibility for incidence of fungal disease of blast on rice crop, if incidence is noticed; spray any one fungicides of Tricyclazole (75% WP) @ 10 gm per 10 lit of water or Isoprothiolane 40% @ 10 ml per 10 lit or water.  
Mango and Cashew --- | • Weeding should be followed in Mango and Cashew garden with the help of sickle/grass cutting machine or spray Glyphosate weedicide @ 3-4 ml per lit water for effective control of weeds.  
Note : To avoid grazing of animal on weedicide spray in mango and cashew garden.  
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 with the help of plastic funnel in the hole and close the hole with the help of cement.  
• 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.  
Vegetable crop Fruiting stage | • Install methyl ugenol “Rakshak” tarp @ 4 nos. per ha in cucurbitecious vegetable crops, for effective control of fruit fly.  
Goats/ Milch animals -- | • Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.  
• Protect the poultry birds from low temperature by providing 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.