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

Dr. Subhash Chavan,  
Department of Agronomy  
9422431067

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

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

Dr. Subhash Chavan,  
Head,  
Department of Agronomy  
9422431067

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 –01/12/2016 to 05/12/2017)

<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>25</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total Rainfall (mm):</td>
<td>31</td>
<td>32</td>
<td>33</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td>Maximum temperature (°C):</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Minimum temperature (°C):</td>
<td>7</td>
<td>7</td>
<td>7</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total cloud cover (Octa):</td>
<td>94</td>
<td>96</td>
<td>92</td>
<td>80</td>
<td>69</td>
</tr>
<tr>
<td>Wind Speed (Km/hr):</td>
<td>004</td>
<td>004</td>
<td>004</td>
<td>007</td>
<td>006</td>
</tr>
<tr>
<td>Total cloud cover (Octa):</td>
<td>178</td>
<td>161</td>
<td>105</td>
<td>91</td>
<td>85</td>
</tr>
</tbody>
</table>

: Agro-met Advisory:

There is possibility rainfall on 06th and 07th December, 2017. Sky will be cloudy from 6th to 10th December, 2017. Wind velocity range from 4 to 7 kmph from 6th to 10th December, 2017.

Crop | Crop Stage | Agromet Advisory
---|---|---
Mango and Cashew Plantation | There are forecasted cloudy weather on next five days and forecasted rainfall on 6th and 7th December, hence possibility for incidence of mango hoper on mango if it 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. There are forecasted cloudy weather on next five days and forecasted rainfall on 6th and 7th December, it is necessary to protect new emerging flush of cashew from Tea mosquito bug by spraying it with profenophos 15% (10 ml. in 10 lit. of water). (These insecticide are not under label claim)

Coconut, Arecanut | | For controlling of bud rot of coconut palm, clean infected bud and drenching with 1% Bordo mixture or copper-oxy-chloride @ 25 g per 10 lit of water. 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.

Vegetable crop and watermelon crop | | Prepare nursery of tomato, brinjal and chilly seedling for arriving rabi season. For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxichloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbaryl or Lindane powder on side of seedbed to control against ant. Due to cloudy weather condition it 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 a 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 Agri. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.