### Significant past weather for the preceding week

(Period –28/04/2018 to 02/05/2018)

<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>03/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07/05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PARAMETERS**

- **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
- **Maximum temperature (°C):**
  - 34
- **Minimum temperature (°C):**
  - 24
- **Relative Humidity Max. (%):**
  - 94
- **Relative Humidity Min. (%):**
  - 57
- **Wind Speed (Km/hr):**
  - 003
- **Wind Direction:**
  - 59

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

- **Rainfall (mm):**
  - 0
- **Total Rainfall (Octa):**
  - 1
- **Relative Humidity Max. (%):**
  - 94
- **Relative Humidity Min. (%):**
  - 57
- **Wind Speed (Km/hr):**
  - 003
- **Wind Direction:**
  - 59

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

#### Parameters

- **Rainfall (mm):**
  - 0
- **Total Rainfall (Octa):**
  - 1
- **Relative Humidity Max. (%):**
  - 94
- **Relative Humidity Min. (%):**
  - 57
- **Wind Speed (Km/hr):**
  - 003
- **Wind Direction:**
  - 59

### Agromet Advisory:

#### Summer Rice

- **Harvesting Stage:** Grain filling and maturity
- **Agromet Advisory:**
  - 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.

#### Mango and Cashew

- **Harvesting Stage:**
- **Agromet Advisory:**
  - Harvest the mature mango fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85% maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat.
  - 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 g m. 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. Konkan Krishi Vidyapeeth, Dapoli is advised. Transport of harvested fruits should be done preferably during night hours. Don not use any insecticides/fungicides 8 days before harvesting of mango fruits.
  - There is possibility of incidence of Mango fruit fly, install ‘Rakshak fruit fly traps’ developed by University @ 4 traps per ha. area.
  - 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)
  - In some places the nuts ready for harvesting. Harvest the matured nuts and dry under sunlight.
  - Prepare different processed product from cashew apple as per recommended by Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.
  - Prepared the pits of recommended size on recommended spacing for planting of new fruit orchards.

#### Coconut, Arecanut

- **Harvesting Stage:**
- **Agromet Advisory:**
  - As there is increase in average temperature, irrigation should be given to coconut orchard at 4-5 days interval.
  - For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.
  - 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

- **Harvesting Stage:**
- **Agromet Advisory:**
  - If incidence of hoper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chili, knol knol etc., is noticed, is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.
  - 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.

#### Goats/ Milch animals/ Poultry

- **Agromet Advisory:**
  - Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.
  - Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.
  - Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.
  - Protect the animals from afternoon heat. Keep good aeration in animal shed.
  - For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.
  - The temperatures during day are increasing hence protect poultry birds from heat.
  - Cover the roof & poultry shade with straw and cover the window & the poultry shade with gunny bags and keep this gunny bags moist.

#### Suggestion

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