Significant past weather for the preceding week  
(Period – 14/02/2020 to 20/02/2020)

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall (mm)</th>
<th>Maximum temperature (°C)</th>
<th>Minimum temperature (°C)</th>
<th>Cloud cover (Octa)</th>
<th>Relative Humidity Max. (%)</th>
<th>Relative Humidity Min. (%)</th>
<th>Wind speed (Km/hr)</th>
<th>Wind direction</th>
</tr>
</thead>
<tbody>
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<td>14/02</td>
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<tr>
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<td>57</td>
<td>24</td>
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<td>Calm</td>
</tr>
</tbody>
</table>

Weather Parameters

- Rainfall (mm)
- Maximum temperature (°C)
- Minimum temperature (°C)
- Cloud cover (Octa)
- Relative Humidity Max. (%)
- Relative Humidity Min. (%)
- Wind speed (Km/hr)
- Wind direction

Rainfall (mm) in last week: 0.0
Rainfall (mm) from 01/01/2020 to till dated: 0.0
Total Rainfall (mm) in last year: 5197.2

Agro-met Advisory

There is possibility of increase in maximum and minimum temperature and sky remain mainly clear from 21st to 25th February, 2020.

### Crop

#### Summer rice

- **Stage**: Tillering
- **Agro Advise**:
  - Apply 2nd split dose of Urea @ 87 kg ha⁻¹ to rice crop at time of tillering.
  - Due to forecast for increase in temperature maintain optimum water level of 5 cm in rice field.

#### Lablab bean

- **Stage**: Pod stage
- **Agro Advise**:
  - Due to forecast for increase in temperature provide irrigation to lablab bean crop which is in pod filling stage.
  - To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 3 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.
  - Note: Avoid spraying during flowering to fruit setting period for effective pollination.
  - Due to forecast for increase in temperature provide irrigation to lablab bean crop which is in pod filling stage.

#### Mango

- **Stage**: Flowering to fruiting
- **Agro Advise**:
  - To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Thiometoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.
  - To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango crop, take a fourth spray of Thiometoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.
  - There is forecast for decrease in humidity and increase in temperature in during next five days, hence to minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting at 15 days interval for 3 to 4 times also use straw mulch to reduce evaporation losses.
  - To improve production and quality of mango fruits, spray 1% Potassium nitrate at pea, marble and egg fruit stages.
  - Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard also use straw mulch to reduce evaporation losses.

#### Cashewnut

- **Stage**: Nut stage
- **Agro Advise**:
  - Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted cashewnut orchard also use straw mulch to reduce evaporation losses.

#### Coconut

- **Stage**: Nut stage
- **Agro Advise**:
  - Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted coconut orchard also use straw mulch to reduce evaporation losses.
  - Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted coconut orchard also use straw mulch to reduce evaporation losses.
  - There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.
  - Apply 750 gms urea and 667 gms of muriate of potash as 3rd split dose for 5-year-old and above coconut palm.

#### Areca nut

- **Stage**: Nut stage
- **Agro Advise**:
  - Due to forecast for decrease in humidity and increase in temperature may leads to
Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to fruit crop nursery.

- Keep the fruit crop nursery area weed free also provides shed to nursery seedlings.

| Milch animal /goat | - | Provide clean, hygienic and plenty amount of drinking water to farm animals.  
To protect animals from heat, sprinkle cold water on animals during the afternoon, it will help to maintain the body temperature. |
|---------------------|---|-------------------------------------------------------------------------|
| Poultry             | - | There is possibility for increase in temperature during day hence protect poultry birds from heat.  
In poultry shed, increase the water pot and provide adequate and clean water for drinking.  
Also, feed should be given in the morning or evening hours. |