### Weather Summary of Previous 5 Days (15th to 19th, 2020)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range of Max. Temperature (°C)</th>
<th>Range of Min. Temperature (°C)</th>
<th>Range of Relative Humidity (%)</th>
<th>Rainfall (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

### Ensembled Forecast for Next 5 Days (08:30 hrs, 21st to 25th Feb, 2020)

<table>
<thead>
<tr>
<th>Date</th>
<th>21/02/20</th>
<th>22/02/20</th>
<th>23/02/20</th>
<th>24/02/20</th>
<th>25/02/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>21/02/20</td>
<td>22/02/20</td>
<td>23/02/20</td>
<td>24/02/20</td>
<td>25/02/20</td>
</tr>
<tr>
<td>Maximum Temp</td>
<td>22</td>
<td>24</td>
<td>25</td>
<td>25</td>
<td>26</td>
</tr>
<tr>
<td>Minimum Temp</td>
<td>15</td>
<td>11</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>% RH (Max)</td>
<td>80</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
<tr>
<td>% RH (Min)</td>
<td>60</td>
<td>50</td>
<td>40</td>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>Wind Speed in kms</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Wind Direction</td>
<td>100</td>
<td>50</td>
<td>50</td>
<td>40</td>
<td>45</td>
</tr>
<tr>
<td>Cloudiness</td>
<td>6</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

### Weather Forecast Based Agromet Advisories W.E.F. 21st to 25th Feb, 2020

#### Crop: Rabi Pulses

- **Gram**
  - **Stage:** Flowering/ Pod formation
  - **Weather based Agro-advisories:**
    - In Gram crop the weather is congenial for the outbreak of Aschchoyta blight and wilt diseases. If the symptom observed farmers are advised drench the affected spots with Bavistin @10ml/ lit. of water depending upon forecast.

#### Crop: Wheat

- **Very very late sown**
  - **Stage:** Tillering (30-40 days crop)
  - **Weather based Agro-advisories:**
    - Apply irrigation if required.
    - Apply metribuzin @ 10g/kanal (15g commercial product) or isoproturon@5g/kanal + 2,4-D ethyl ester @ 25ml/ kanal (66g commercial product) in 25 lit. of water during clear weather to control weeds if the crop is 30-35 days old.
    - Apply second dose of urea @ 2.0 kg/kanal in normal and late sown wheat before the ear head emerge during clear weather.
    - Monitor zinc deficiency in wheat crop, if symptoms observed like yellow patches between the mid-vein and edge of the leaf in young to middle leaves develop, spray zinc sulphate @ 0.2% during clear weather.
    - The weather condition is favourable to yellow rust under such situation farmers are advised to regularly monitor wheat fields for yellow rust and if noticed apply Propaconazole (Tilt) @ 25ml in 25 lits. of water/kanal during clear weather.

- **Late Sown**
  - **Stage:** Tillering/Jointing/ Late Jointing(45-60 days crop)
  - **Weather based Agro-advisories:**

- **Normal Sown**
  - **Stage:** Flag leaf
  - **Weather based Agro-advisories:**

#### Crop: Oilseeds

- **Mustard**
  - **Stage:** Flowering/ Siliqua development
  - **Weather based Agro-advisories:**

#### Crop: Floriculture

- **Gladiolus**
  - **Stage:** Flowering
  - **Weather based Agro-advisories:**

- **Chrysanthemum**
  - **Stage:** Flowering
  - **Weather based Agro-advisories:**

- **Marigold (Early sown)**
  - **Stage:** Seed ripening
  - **Weather based Agro-advisories:**

#### Crop: Vegetables

- **Tomato/brinjal**
  - **Stage:** Seed stage
  - **Weather based Agro-advisories:**

- **Vegetables**
  - **Stage:** Seed stage
  - **Weather based Agro-advisories:**

- **Vegetables**
  - **Stage:** Seed stage
  - **Weather based Agro-advisories:**

- **Vegetables**
  - **Stage:** Seed stage
  - **Weather based Agro-advisories:**

- **Vegetables**
  - **Stage:** Seed stage
  - **Weather based Agro-advisories:**
<table>
<thead>
<tr>
<th>Topic</th>
<th>Stage</th>
<th>Action recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>chillies</td>
<td>Transplanting/ Seed stage</td>
<td>Transplanting is recommended, if nursery is prepared under polyhouses (polytubes). For direct sowing of two seeds per hill is recommended at spacing of 0.75×1.0m in cucumber, 1.0×1.0m in bittergourd and 1.0×3.0m in both bottle gourd and pumpkin.</td>
</tr>
<tr>
<td>Cucurbits</td>
<td>Button/harvesting</td>
<td>Spray chlorothalonil @ 0.05% for the management of competitor moulds. If incidence of flies is observed, apply dimilin @ 0.01%. Maintain proper hygienic conditions in and around growing rooms. Provide proper ventilation in the cropping room.</td>
</tr>
<tr>
<td>Button mushroom</td>
<td></td>
<td>spray chlorothalonil @ 0.05% for the management of competitor moulds. If incidence of flies is observed, apply dimilin @ 0.01%. Maintain proper hygienic conditions in and around growing rooms. Provide proper ventilation in the cropping room.</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Young Bearing</td>
<td>Protect plants from cold and frost. Provided thatches prepared from Sarkanda or any other locally available material, however, it should be kept open on eastern side to allow sufficient sun shine and air for the plant. Remove and destroy infected dried shoots. Keep the area clean. Spray copper oxychloride @ 3gm/lt of water during clear weather to control dieback and canker in citrus. Apply alkathene or sticky grease band on mango plants to control upward movement of mango mealy bug or Mix methyl parathion dust @ 250mg /tree in mango to control mealy bug.</td>
</tr>
<tr>
<td>Apiculture</td>
<td></td>
<td>Protect bee colonies from extreme climatic conditions through reduced entrance and proper packing. Need based sugar feeding is recommended. Inspect colony at regular intervals.</td>
</tr>
<tr>
<td>Poultry</td>
<td></td>
<td>Maintain good source of light and heat in poultry houses. Cover the poultry shed with gunny bags in order to protect the birds from cold weather. Well-insulated windows can act as a sun trap during winters. Avoid hurdling of chicks. Proper hygiene should be maintained. Adequate clean drinking water should be available all the time. Provide starter feed for first 14 days and provide finisher feed from 15th day till sale. Give vaccination against IPD &amp; Gumbroo disease to 7 &amp; 14 days chick.</td>
</tr>
<tr>
<td>Live stock: Dairy animals/ Sheep &amp; Goat</td>
<td></td>
<td>Use dry gunny bags as bedding material for protection against low night temperatures. Do not allow animals to leave khurli early in morning directly to open area. To avoid cracking or fissuring of teats in cold dry weather, clean the teats with warm water and apply ghee or butter after every milking. Give special care to young calves as they are more sensitive to pneumonia. Protect the pregnant and milch animals from cold and feed them mineral mixture regularly. Provide hay of green forage like stala, lobia, maize, jowar and bajra etc. with kadb and other green grasses to the milch animals in order to enhance milk production and also to prevent from bloat (aafara).</td>
</tr>
<tr>
<td>Fisheries</td>
<td>Advanced Fingerlings/ yearlings</td>
<td>Avoid unnecessary netting operations to safeguard the fish livestock especially small size fishes from cold shock/injuries. If possible add tube well water to raise the water temperature of the fish pond.</td>
</tr>
</tbody>
</table>
pond. Supplementary feeding may be provided at the minimum. In case of yearlings/marketable size fish, farmers may go for partial harvesting.

Dr Mahender Singh  
I/C Agrometeorology

Dr Veena Sharma  
Technical Officer