# Weather Summary

**Previous 5 Days (12th to 16th July, 2019)**
- **Range of Max. Temperature (°C)**: 29.8-33.3
- **Range of Min. Temperature (°C)**: 22.2-25.7
- **Range of Relative Humidity (%):** 67-96
- **Rainfall (mm):** 36.4

# Ensembled Forecast for Next 5 Days (0830 hrs, 17th to 21st July, 2019)

<table>
<thead>
<tr>
<th>Date</th>
<th>17/07/19</th>
<th>18/07/19</th>
<th>19/07/19</th>
<th>20/07/19</th>
<th>21/07/19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rainfall (mm)</strong></td>
<td>25</td>
<td>25</td>
<td>30</td>
<td>30</td>
<td>25</td>
</tr>
<tr>
<td><strong>Maximum Temp</strong></td>
<td>32</td>
<td>32</td>
<td>31</td>
<td>31</td>
<td>32</td>
</tr>
<tr>
<td><strong>Minimum Temp</strong></td>
<td>24</td>
<td>24</td>
<td>22</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td><strong>% RH (Max)</strong></td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
</tr>
<tr>
<td><strong>% RH (Min)</strong></td>
<td>70</td>
<td>75</td>
<td>75</td>
<td>75</td>
<td>75</td>
</tr>
<tr>
<td><strong>Wind Speed in k.ms</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Wind Direction</strong></td>
<td>25</td>
<td>80</td>
<td>25</td>
<td>85</td>
<td>155</td>
</tr>
<tr>
<td><strong>Cloudiness</strong></td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

# Weather Forecast Based Agromet Advisories W.E.F. 17th to 21st July, 2019

## Paddy
- **Transplanting**
  - Due to chances of rainfall, farmers are advised to bund their fields for in situ storage of rain water and utilize the same for puddling. Farmers can continue transplanting of rice seedlings which have attained 4-6 leaves (varieties: China-1039, IET-1410, Ratna, PC-19, SJR-5, Jaya & Basmati) after receipt of rain.

## Maize
- **Germination/ Sowing**
  - Due to chances of light to moderate rain in next 5 days, make arrangement to drain out excess water from the fields where crop is sown. Do not allow water to stagnate in fields. Sowing is recommended at vattar condition of soil.

## Pulses
### Kharif Moong-
- **Mash**
  - Sowing
    - Sowing of Mash (var.:Pant U-19, Uttara) & Moong (var. :SML-668) can be undertaken during clear weather. Inoculate the seed with Rhizobium culture before sowing to get better yield.
  - Do not allow water to stagnate in fields.

## Vegetables:
- **Okra**
  - Fruiting
    - Do not allow rain water to stand in the fields. Postpone irrigation, plant protection measures as well as application of fertilizers. Apply daincha @2kg/kanal on fallow fields to increase fertility.
- **Turmeric**
  - Vegetative
    - Keep the fields weed free with proper drainage facilities.
- **Cucurbits**
  - Fruiting
    - Proper earthing up of plants and weed free conditions are recommended.
    - Give proper support and cushion to the plants and fruits respectively.
    - Avoid direct contact of cucurbits fruit with soil.
- **Brinjal**
  - Fruiting
    - Pluck infected fruits and shoots, if noticed in field and bury them

## Floriculture:
### Rainy annuals
- **Nursery raising/ transplanting**
  - Transplanting of rainy seasonal annuals (gaillardia, balsam, cosmos, portulaca, kochia, sunflower, morning glory, gomphrena, celosia etc) may be undertaken during clear weather.
  - Do not allow rain water to stagnate in field.
  - Suspend irrigation due to chances of rain.

### Chrysanthemum
- **Cutting preparation**
  - Cutting preparation of Chrysanthemum can be done.

### Marigold
- **Sowing**
  - Seed sowing for diwali flower harvest may be done.

## Kharif Fodder
- (maize+)
- **Sowing/germination**
  - Sowing of the mixed fodder may be undertaken during clear weather. Make arrangement to drain out excess water from the field where crop
<table>
<thead>
<tr>
<th>Sericulture</th>
<th>Cocoon crop</th>
<th>Harvested cocoons</th>
<th>Pack the cocoons harvested during April month in loosely packed muslin cloth bags. The bags should be kept in wire mesh covered racks to avoid rodent attack till sale of the crop.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horticulture</td>
<td>Mango</td>
<td>Bearing</td>
<td>Postpone irrigation as well as plant protection measures till weather gets clear.</td>
</tr>
<tr>
<td>Milky mushroom</td>
<td>Button mushroom</td>
<td>Spawning/spawn run/button formation</td>
<td>Construct new huts or clean &amp; disinfect old huts, if the cropping is to be done in them. Spawning to be done for milky mushroom. If the spawn run is complete, case the bags.</td>
</tr>
<tr>
<td>Apiculture</td>
<td></td>
<td></td>
<td>Protect bee colonies from rains. Protect colonies from high temperature by shifting to shady areas/cooler places or cover with wet gunny bags. Provide water source in the apiary. Keep colonies in stand to give protection against ants.</td>
</tr>
<tr>
<td>Poultry</td>
<td></td>
<td></td>
<td>Maintain proper ventilation at poultry house. Vaccinate chicks against new castle disease and gumboro disease. Spread clean litter material uniformly in the poultry house at thickness of 2-3 inches.</td>
</tr>
<tr>
<td>Dairy animals/Sheep &amp; Goat</td>
<td></td>
<td></td>
<td>Provide adequate amount of fresh cool and clean drinking water to the animals at frequent intervals to save animals from heat stroke. Increase protein content in animal ration by 2%. Give vaccination against BQ and HS. Ensure green fodder to the livestock.</td>
</tr>
<tr>
<td>Fisheries</td>
<td>Yearlings/Fingerlings/fry</td>
<td></td>
<td>Farmers should check the outlet and water level of the pond in order to avoid the escape out of fish live-stock from ponds. Apply screen/netting cloth to the outlet.</td>
</tr>
</tbody>
</table>

Postpone application of fertilizers as well as plant protection measures for next 5 days.

Dr. Mahender Singh
I/C Agrometeorology

Dr. Veena Sharma
Technical Officer