No. 59/2019

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9422374001

### Significant past weather for the preceding week

<table>
<thead>
<tr>
<th>17/07</th>
<th>18/07</th>
<th>19/07</th>
<th>20/07</th>
<th>21/07</th>
<th>22/07</th>
<th>23/07</th>
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</thead>
<tbody>
<tr>
<td>13.2</td>
<td>6.6</td>
<td>2.0</td>
<td>0.0</td>
<td>6.4</td>
<td>9.4</td>
<td>0.0</td>
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<tr>
<td>Rainfall (mm)</td>
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<tr>
<th>24/07</th>
<th>25/07</th>
<th>26/07</th>
<th>27/07</th>
<th>28/07</th>
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<tbody>
<tr>
<td>40</td>
<td>30</td>
<td>75</td>
<td>50</td>
<td>70</td>
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<table>
<thead>
<tr>
<th>Weather Parameters</th>
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<tbody>
<tr>
<td>Maximum temperature (°C)</td>
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<tr>
<td>Minimum temperature (°C)</td>
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<tr>
<td>Cloud cover (Octa)</td>
</tr>
<tr>
<td>Relative Humidity Max. (%)</td>
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<tr>
<td>Relative Humidity Min. (%)</td>
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<tr>
<td>Wind speed (Km/hr)</td>
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<td>Wind direction</td>
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<tr>
<th>249</th>
<th>296</th>
<th>247</th>
<th>248</th>
<th>264</th>
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Rainfall (mm) in last week: 37.6
Rainfall (mm) from 01/01/2019 to till dated: 1493.2
Total Rainfall (mm) in last year: 3558.3

## Weather Parameters

**Weather forecast until 08.30 hrs of 28/07/2019**

**Crop Stage**

**Kharif rice**

- **Tilling**
  - During next five days there is forecast for moderate to heavy rain, maintain optimum water level of 5cm in rice field.
  - Carryout weeding in rice field.
  - Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop when it is in tilling stage.

  **Note:** Fertilizer application be avoided during heavy rainy days.

**Finger millet**

- **Seedling**
  - Complete transplanting operation of finger millet seedlings.

**Mango**

- **Vegetative**
  - Apply paclobutrazol (cultar) for regular flowering, fully developed mango trees of 10 years old and above. Measure average diameter of canopy of the tree and apply cultar @ 3 ml per meter diameter (e.g. If east-west diameter of the plant is 5 m and North – South diameter is 7 ml then average will be 6 m. So far 6 x 3 = 18 ml. will be the quantity of cultar. This quantity of paclobutrozol be mixed in 3 to 5 lits. of water and applied in 25 to 30 holes, 10 to 12 cm deep around the tree basin with help of kudali or crowbar just inside the manuring ring at uniform distance. Then uniform quantity of solution be drenched into holes, followed by closing or plugging of holes with soil. Before application weeds be removed.

  **Note:** Paclobutrozal application be avoided during heavy rainy days.

**Vegetable crops**

- **Vegetative**
  - Apply second split dose of nitrogenous fertilizer urea @ 1.1 kg per guntha to brinjal crop after one month of transplanting.

  **Note:** Fertilizer application be avoided during heavy rainy days.

  - If the incidence of aphids, leaf hoppers, red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on brinjal, chilli, bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval.

  **Note:** mix stickers in insecticide solution before spraying.

**Milch animals/Goat/Poultry**

- Provide clean and hygienic drinking water to farm animals also protect farm animals from rain.
- For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day.
- 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.
- During rainy season, farm animals shows symptoms like Diarrhea, reduction in feed intake and weight loss due to worms, if infection of worms is observed in farm animals worms, give Fenbendazole @ 5 ml or Albendazol 7.5 ml per kg weight of farm animals.

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For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.