No. 84/2019 Date: 18/10/2019 Duration – 5 days

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Significant past weather for the preceding week
(Period –12/10/2019 to 18/10/2019)

<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>
<tr>
<td>12/10</td>
<td>0.0</td>
<td>33.0</td>
<td>23.0</td>
<td>8</td>
<td>74</td>
<td>51</td>
<td>10.2</td>
<td>ESE</td>
</tr>
<tr>
<td>13/10</td>
<td>0.0</td>
<td>34.0</td>
<td>25.6</td>
<td>7</td>
<td>78</td>
<td>59</td>
<td>12.2</td>
<td>E</td>
</tr>
<tr>
<td>14/10</td>
<td>0.0</td>
<td>35.0</td>
<td>25.0</td>
<td>7</td>
<td>82</td>
<td>75</td>
<td>12.4</td>
<td>E</td>
</tr>
<tr>
<td>15/10</td>
<td>0.0</td>
<td>35.0</td>
<td>24.3</td>
<td>7</td>
<td>84</td>
<td>75</td>
<td>6.4</td>
<td>E</td>
</tr>
<tr>
<td>16/10</td>
<td>0.0</td>
<td>34.0</td>
<td>25.0</td>
<td>7</td>
<td>85</td>
<td>68</td>
<td>6.3</td>
<td>ENE</td>
</tr>
<tr>
<td>17/10</td>
<td>0.0</td>
<td>35.0</td>
<td>25.0</td>
<td>7</td>
<td>86</td>
<td>67</td>
<td>6.3</td>
<td>ENE</td>
</tr>
<tr>
<td>18/10</td>
<td>0.0</td>
<td>35.0</td>
<td>25.0</td>
<td>8</td>
<td>88</td>
<td>66</td>
<td>6.3</td>
<td>ENE</td>
</tr>
</tbody>
</table>

Rainfall (mm) in last week
Rainfall (mm) from 01/01/2019 to till dated Total Rainfall (mm) in last year
0.0 4156.4 2359.6

There is possibility of light to moderate rainfall from 19th to 23rd October, 2019 at isolate places also sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period from 18th to 24th October, 2019 is above normal.

According to NDVI, Agriculture vigour is moderate and according to SPI, mildly wet condition experienced in Palghar district.

**Kharif rice**
- **Stage:** Grain filling to maturity stage
- **Agro Advise:**
  - Maintain 5 cm level of water in rice field where late rice varieties are in grain filling stage and drain out water from the field where mid-late rice varieties are in maturity stage.
  - There is forecast of light to moderate rain, hence by observing rainfall situation harvest matured early rice varieties in morning hours only with ‘Vaib hav sickle’ near to ground level and follow immediate threshing, the threshed grains should be sun dry for 2 to 3 days before storage.
  - There is possibility of incidence of army worm in early rice varieties, hence by observing rainfall situation follow immediate harvesting and threshing of matured early rice varieties.
  - There is possibility of incidence of army worm in rice crop, hence observe crop regularly for infestation of pest. Install bird’s perches @3-4 / acre. Keep bunds weed free. If incidence of army worm is observed above threshold level (1-2 larvae /hill), spray Dichlorvos 76% EC @ 15 ml or Cypermethrin 25%EC @ 6 ml per 10 liter of water during evening hours or in early morning when wind blows calm. (Note: insecticides are not under label claim)

**Mango**
- **Stage:** Vegetative
- **Agro Advise:**
  - In old mango orchard, carry out centre opening operation which increase penetration of sunlight and result in increase in flowering.
  - If incidence of stem borer is noticed in mango orchards remove infected portion with the help on 15 mm. chisel and destroyed grub. Prepare solution of Chlorpyriphos 20% EC @ 5 ml per liter of water and apply it to infected portion. Pour the Chlorpyriphos 20%EC @ 10 ml + 50 ml kerosene in the hole prepared by stem borer.
  - Due to cloudy and humid weather condition, there is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water.

**Sapota**
- **Stage:** Fruiting
- **Agro Advise:** Follow inter cultivation operation in sapota orchard. collect and destroy all infected fruits and dried leaves.

**Vegetables crop nursery**
- **Stage:** Sowing
- **Agro Advise:** For raising of vegetable nursery for rabi season, cultivate the land when it is at field capacity condition and then prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m. For protection of seedlings from wilt disease, drench nursery bed with 1% bordonixture before 3-4 days of sowing. Before sowing, treat the seed with Thiram or Captan fungicide 3 grams per kg of seed.
  - Provide irrigation to vegetable nursery regularly.

**Note:** Spraying should be taken during dry period.

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