### Weather Parameters

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall (mm)</th>
<th>Temp. maximum (°C)</th>
<th>Temp. minimum (°C)</th>
<th>Cloud Cover (Octa.)</th>
<th>Wind Speed (km/hr)</th>
<th>Wind Direction</th>
<th>Cloudy</th>
</tr>
</thead>
<tbody>
<tr>
<td>28/07</td>
<td>0.8</td>
<td>32.4</td>
<td>9.0</td>
<td>Cloudy</td>
<td>Cloudy</td>
<td>WNW</td>
<td>Calm</td>
</tr>
<tr>
<td>29/07</td>
<td>15.4</td>
<td>4.6</td>
<td>21.2</td>
<td>Cloudy</td>
<td>1.6</td>
<td>WSW</td>
<td>Calm</td>
</tr>
<tr>
<td>30/07</td>
<td>30.0</td>
<td>30.0</td>
<td>30.0</td>
<td>Cloudy</td>
<td>0.0</td>
<td>WSW</td>
<td>Calm</td>
</tr>
<tr>
<td>31/07</td>
<td>93</td>
<td>97</td>
<td>96</td>
<td>Cloudy</td>
<td>1.6</td>
<td>WNW</td>
<td>Calm</td>
</tr>
<tr>
<td>01/08</td>
<td>92</td>
<td>78</td>
<td>98</td>
<td>98</td>
<td>0.6</td>
<td>PM</td>
<td>Calm</td>
</tr>
<tr>
<td>02/08</td>
<td>24.5</td>
<td>24.0</td>
<td>24.0</td>
<td>AM</td>
<td>AM</td>
<td>WNW</td>
<td>Calm</td>
</tr>
<tr>
<td>03/08</td>
<td>24.0</td>
<td>AM</td>
<td>AM</td>
<td>PM</td>
<td>AM</td>
<td>WNW</td>
<td>Calm</td>
</tr>
</tbody>
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### Forecasted weather parameters for forthcoming 5 day’s

<table>
<thead>
<tr>
<th>Date</th>
<th>05/08</th>
<th>06/08</th>
<th>07/08</th>
<th>08/08</th>
<th>09/08</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>73</td>
<td>71</td>
<td>92</td>
<td>86</td>
<td>61</td>
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<tr>
<td>Temperature maximum (°C)</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>30</td>
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<td>Temperature minimum (°C)</td>
<td>21</td>
<td>21</td>
<td>21</td>
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</tbody>
</table>

### General Weather condition

In Sindhudurg district, heavy rains are expected in most parts of the district from August 05th to 09th in the next five days. The weather is likely to remain humid and completely cloudy with a slight rise in temperature. This forecast has been made by the Regional Meteorological Center, Mumbai. Warning: Heavy to very heavy at scattered places with extremely heavy rain at isolated places on 05th & 6th August as well as Heavy to very heavy rains on 07th August at isolated places and heavy rain on 8th & 9th August at isolated places are expected in Sindhudurg district in the next five days.

### Weather Prediction Based Agro-Advice

#### Paddy
- Maximum Tillering
- Due to the possibility of heavy rains in the next 5 days, 2.5 to 5 cm water level should be maintained in the rice field. Excess water should be drained from the rice field.
- Due to the possibility of heavy rains in the next 6 days, application of nitrogen fertilizer to paddy crop should be postponed for next 3 days.
- If the incidence blue beetle is observed in the rice crop in waterlogged places due to dry period and slight increase in temperature, then need based spraying with Quinalphos 25 EC @ 40 ml or Triazophos 40 EC @ 12.5 ml or Lambda cyhalothrin 5 EC @ 5 ml per 10 liter of water on the whole crop is recommended.
- To control the weeds on field bunds, spraying of herbicide Gramoxone @ 3 ml per lit of water is advocated.

#### Finger Millet
- Although one month is completed after transplanting of finger millet in some places, due to heavy rains in the next 5 days, application of nitrogen fertilizer to finger millet crop should be postponed for next 3 days.
- Need based weeding should be done 2 weeks after replanting in finger millet.
- Drain out excess water from finger millet field wherever necessary.

#### Groundnut
- Seedling
- Due to the possibility of heavy rains in the next 5 days, drain out the excess water from the groundnut crop.
- In groundnut field, proper drainage of water should be done and weeding should be done 20 days after sowing.

#### Mango
- New flush
- As the wind speed is likely to increase in the next 5 days, the newly planted mango graft should be supported with bamboo sticks and the basin should be kept weed free and clean.
- Due to the possibility of heavy rains in the next 5 days, application of paclobutrazol to mango crop should be postponed for next 3 days.
- Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.

#### Cashew Nut
- New Plantation
- Due to the possibility of heavy rains in the next 5 days, application of chemical and organic fertilizers to cashew crop should be postponed for next 3 days.
- Newly planted cashew grafts should be supported by bamboo sticks also earthing up should be complete and grafts basin should be kept weed free and clean.
- Cut the dead wood and diseased branches of cashew and apply 1% Bordeaux paste to the cut surface.
- If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and soak the stem in to the paste of spinosad 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated.

#### Coconut & Arecanut
- New Plantation
- Newly planted coconut and arecanut seedling should be supported by bamboo sticks also earthing up should be complete and grafts basin should be kept weed free and clean.

#### Vegetables
- Flowering & Fruit Bearing
- Due to the possibility of torrential rains in the next 5 days, application of nitrogen fertilizer to vegetables should be postponed for next 3 days.