**Agromet Advisory Service Bulletin for Palghar District**  
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387

**No. 69/2019**  
**Date:** 27/08/2019  
**Duration – 5 days**

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**Significant past weather for the preceding week**  
(Period – 21/08/2019 to 27/08/2019)

<table>
<thead>
<tr>
<th>Weather Parameters</th>
<th>28/08</th>
<th>29/08</th>
<th>30/08</th>
<th>31/08</th>
<th>01/09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>14</td>
<td>25</td>
<td>39</td>
<td>43</td>
<td>31</td>
</tr>
<tr>
<td>Maximum temperature (°C)</td>
<td>32</td>
<td>32</td>
<td>32</td>
<td>31</td>
<td>32</td>
</tr>
<tr>
<td>Minimum temperature (°C)</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>26</td>
<td>26</td>
</tr>
<tr>
<td>Cloud cover (Octa)</td>
<td>6</td>
<td>6</td>
<td>3</td>
<td>8</td>
<td>6</td>
</tr>
<tr>
<td>Relative Humidity Max. (%)</td>
<td>83</td>
<td>83</td>
<td>84</td>
<td>84</td>
<td>83</td>
</tr>
<tr>
<td>Relative Humidity Min. (%)</td>
<td>70</td>
<td>70</td>
<td>73</td>
<td>77</td>
<td>73</td>
</tr>
<tr>
<td>Wind speed (Km/hr)</td>
<td>19.7</td>
<td>20.6</td>
<td>23.2</td>
<td>17.6</td>
<td>18.6</td>
</tr>
<tr>
<td>Wind direction</td>
<td>SSW</td>
<td>SW</td>
<td>SW</td>
<td>SW</td>
<td>SW</td>
</tr>
</tbody>
</table>

**Rainfall (mm) in last week**

- 29.0

**Rainfall (mm) from 01/01/2019 to till dated 01/09/2019**

- 2799.8

**Total Rainfall (mm) in last year**

- 2359.6

**Agro-met Advisory**

There is possibility of moderate rainfall from 28th August to 1st September, 2019 and sky will be cloudy.  
Extended range rainfall forecast for Konkan division for the period of 23rd to 29th August, 2019 is below normal.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Stage</th>
<th>Agro Advise</th>
</tr>
</thead>
</table>
| Kharif rice | Tillering | • Due to forecast for light rain, Maintain the optimum water level of 5 cm in the rice crop.  
• Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage after weeding.  
• Due to forecast of high humidity and increase in temperature, there is possibility of incidence of bacterial leaf blight disease on rice. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim).  
• Due to forecast of intermittent rainfall and 27-28°C prevailing mean temperature there will be incidence of stem borer and leaf folder on rice. If incidence is notices, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil. |
| Mango | Vegetative | • Due to forecast of increase in temperature which is congenial for vegetative flush in mango, for protection of vegetative flush, spray Lambda cyhalothrin 5%EC@ 6ml or Quinalphos 25% EC @25 ml + Bavistin 20 g per 10 liter of water. |
| Sapota | Fruiting | • For control of seed borer incidence on sapota, collect and destroy all infected fruits and dried leaves. |

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.  
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.