



**Agromet Advisory Service Bulletin for Raigad District**  
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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Duration – 5 days

**Dr. Prashant Bodake,**  
Head,  
Department of Agronomy  
9420413255

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

| Significant past weather for the preceding week<br>(Period –21/08/2019 to 27/08/2019) |       |       |       |       |       |  | Weather Parameters         | Weather forecast until 08.30 hrs of<br>01/09/2019 |       |       |       |       |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 21/08   | 22/08 | 23/08 | 24/08 | 25/08 | 26/08 | 27/08  |                            | 28/08   | 29/08 | 30/08 | 31/08 | 01/09 |
| 3.0   | 33.4  | 6.0   | 1.2   | 5.4   | 22.5  | 0.2  | Rainfall (mm)              | 25  | 30    | 25    | 30    | 20    |
| 31.8  | 27.8  | -     | -     | -     | -     | -  | Maximum temperature (°C)   | 31  | 31    | 31    | 31    | 31    |
| 24.8  | 23.5  | -     | -     | -     | -     | -  | Minimum temperature (°C)   | 26  | 26    | 26    | 26    | 26    |
| 6.0   | 8.0   | -     | -     | -     | -     | -  | Cloud cover (Octa)         | 7   | 5     | 5     | 8     | 8     |
| 93.0  | 97.0  | -     | -     | -     | -     | -  | Relative Humidity Max.(%)  | 92  | 92    | 93    | 94    | 94    |
| 89.0  | 83.0  | -     | -     | -     | -     | -  | Relative Humidity Min. (%) | 74  | 75    | 78    | 83    | 82    |
| 3.5   | 1.7   | -     | -     | -     | -     | -  | Wind speed (Km/hr)         | 10  | 10    | 11    | 8     | 9     |
| ENE   | Calm  | -     | -     | -     | -     | -  | Wind direction             | SSE   | S     | SSE   | S     | S     |
| Rainfall (mm) in last week  |       |       |       |       |       | Rainfall (mm) from 01/01/2019<br>to till dated |                            | Total Rainfall (mm) in last year                  |       |       |       |       |
| 71.7  |       |       |       |       |       | 3590.4   |                            | 3558.3  |       |       |       |       |

**Agro-met Advisory**

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

| Crop                   | Stage             | Agro Advise   |
|------------------------|-------------------|---|
| <b>Kharif rice</b>     | <b>Tillering</b>  | <ul style="list-style-type: none"> <li>Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation stage.</li> <li>Apply 3<sup>rd</sup> split dose of nitrogen @ 43 kg urea/ha to the early varieties rice crop which is in flowering stage.</li> <li>Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle and caseworm on low land rice, hence observe crop regularly for infestation of pest. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water. If incidence of rice case worm is noticed on rice crop, then flood the field with water followed by dragging the rope to dislodge the cases and drain out water from field after 1-2 hrs. Collect the cases and destroy then then maintain the water level of 5 cm in the field with fresh water.</li> <li>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).</li> </ul> |
| <b>Mango</b>           | <b>Vegetative</b> | <ul style="list-style-type: none"> <li>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.</li> </ul>  |
| <b>Vegetable crops</b> | <b>Fruiting</b>   | <ul style="list-style-type: none"> <li>Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days.</li> <li>There is possibility of incidence of red pumpkin beetle on cucumber, bitter gourd, snake gourd, bottle gourd, red pumpkin and ridge gourd etc. cucurbitaceous crops. If incidence is noticed, spray Dimethoate 30%EC @ 15 ml or malathion 50%EC @20 ml per 10 liters of water.</li> <li>Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop for effective control of fruit fly.</li> </ul>   |

**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.**