



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

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| Significant past weather for the preceding week<br>(Period –27/06/2020 to 03/07/2020) |       |       |       |       |       |       | Weather Parameters         | Weather forecast until 08.30 hrs of<br>08/07/2020 |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|----------------------------|---|-------|-------|-------|-------|
| 27/06   | 28/06 | 29/06 | 30/06 | 01/07 | 02/07 | 03/07 |                            | 04/07   | 05/07 | 06/07 | 07/07 | 08/07 |
| 7.0   | 42.0  | 18.0  | 12.0  | 3.0   | -     | -     | Rainfall (mm)              | 220   | 223   | 56    | 89    | 84    |
| 34.2  | 35.0  | 34.6  | 34.0  | 33.8  | -     | -     | Maximum temperature (°C)   | 33  | 31    | 32    | 32    | 32    |
| 24.2  | 25.0  | 24.2  | 24.0  | 25.0  | -     | -     | Minimum temperature (°C)   | 23  | 24    | 23    | 23    | 24    |
| 4   | 6     | 4     | 6     | 3     | -     | -     | Cloud cover (Octa)         | 7   | 8     | 7     | 7     | 8     |
| 86  | 84    | 78    | 87    | 83    | -     | -     | Relative Humidity Max. (%) | 95  | 97    | 95    | 96    | 96    |
| 71  | 74    | 76    | 73    | 74    | -     | -     | Relative Humidity Min. (%) | 75  | 90    | 89    | 90    | 92    |
| 0.0   | 3.7   | 0.0   | 0.0   | 0.0   | -     | -     | Wind speed (Km/hr)         | 10  | 14    | 17    | 11    | 10    |
| Calm  | S     | Calm  | Calm  | Calm  | -     | -     | Wind direction             | SSW   | SSW   | SW    | SW    | SSW   |

**Agro-met Advisory**

**There is possibility of rainfall at most places over Thane district from 4<sup>th</sup> to 8<sup>th</sup> July, 2020**

**Warning: Heavy to very heavy rainfall likely to occur at few place and extremely heavy rainfall at isolated places on 4<sup>th</sup> July 2020 and heavy to very heavy rainfall from 5<sup>th</sup> to 8<sup>th</sup> July, 2020 at isolated places.**

**As per ERFs products above normal rainfall may occur in Konkan division during 08<sup>th</sup> to 14<sup>th</sup> July 2020.**

| Crop                     | Stage                | Agro Advise  |
|--------------------------|----------------------|--|
| <b>Kharif rice</b>       | <b>Transplanting</b> | <ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from rice field and maintain optimum water level of 2.5 to 5cm upto 30 days after transplanting.</li> <li>Carry out transplanting of the rice seedlings with 5 to 6 leaves with height of 12 to 15 cm and 20-21 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties. Prepare field for transplanting by puddling.</li> <li>As there is forecast for heavy to very heavy rainfall on 4<sup>th</sup> and 5<sup>th</sup> July, postponed the basal application of fertilizers to rice at the time of puddling. Apply when intensity of rainfall is low.</li> <li>Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) or 20 x 15 cm (midlate and late varieties). follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling.</li> <li>In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricida leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms in between four hill.</li> </ul> |
| <b>Finger millet</b>     | <b>Transplanting</b> | <ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from finger millet nursery.</li> </ul>   |
| <b>Coconut, Arecanut</b> | <b>Fruiting</b>      | <ul style="list-style-type: none"> <li>Due to forecast of heavy rain, make arrangement for drain out excess water from coconut and arecanut orchard</li> </ul>   |
| <b>Milch animals</b>     | -                    | <ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals also maintain good aeration in farm shed.</li> <li>Protect the farm animals from rain water.</li> </ul>   |

Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.

**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.**