



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR**  
**ZONAL AGRICULTURAL RESEARCH STATION,**  
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**Weather based Agromet Advisory committee meeting dated 28.06.2022**

**District: SATARA**

| Last Week Weather Summary<br>(22.06.2022 to 28.06.2022) |      |      |      |      |      |    | Weather Parameters | Weather Forecast<br>(29.06.2022 to 03.07.2022) |     |     |     |     |
|---|------|------|------|------|------|----|--------------------|--|-----|-----|-----|-----|
| 22  | 23   | 24   | 25   | 26   | 27   | 28 | Date               | 29   | 30  | 01  | 02  | 03  |
| 0   | 6    | 2.5  | 2.8  | 4.8  | 0.8  | -  | Rainfall (mm)      | 40   | 42  | 50  | 30  | 30  |
| 27.5  | 31.6 | 31.5 | 29   | 28.5 | 27.5 | -  | Max. Temp. (°C)    | 34   | 33  | 30  | 30  | 33  |
| 22.6  | 22.5 | 22.7 | 22.3 | 22.1 | 22.5 | -  | Min. Temp. (°C)    | 21   | 21  | 20  | 21  | 21  |
| 7   | 6    | 7    | 7    | 7    | 8    | -  | Cloud Cover        | 8  | 8   | 8   | 8   | 8   |
| 71  | 75   | 73   | 70   | 89   | 82   | -  | Max. RH (%)        | 83   | 82  | 86  | 84  | 85  |
| 60  | 62   | 73   | 70   | 82   | 79   | -  | Min. RH (%)        | 58   | 58  | 77  | 72  | 74  |
| 0   | 0    | 3.7  | 0    | 0    | 0    | -  | Wind Speed(km/hr)  | 20   | 20  | 19  | 22  | 22  |
| 0   | 0    | 14   | 0    | 0    | 0    | -  | Wind Direction     | WSW  | WSW | WSW | WSW | WSW |

**Agromet Advisory Based on Weather Forecast Prediction**

| Crop                          | Stage      | Advisory   |
|-------------------------------|------------|--|
| <b>Weather Summary/ Alert</b> |            | <p>Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of cloudy sky from 29<sup>th</sup> June to 3<sup>rd</sup> July and possibility of moderate rainfall at scattered places from 29<sup>th</sup> June to 3<sup>rd</sup> July in Satara district. During next 5 days Maximum temperatures will remain nearby 30.0 and 34.0<sup>o</sup>C and minimum between 20.0 and 21.0<sup>o</sup>C respectively. Morning relative humidity will remain between 82 to 86% and Afternoon relative humidity will remain 58 to 77%. Wind speed will remain from 19 to 22km/hr.</p> <p>According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain normal, maximum temperature will remain below normal and minimum temperature will remain normal valid from 29<sup>th</sup> June to 5<sup>th</sup> July, 2022.</p> <p><b>Weather warning: Heavy rainfall very likely to occur at isolated places in Ghat areas of Satara on 29<sup>th</sup> and 30<sup>th</sup> June.</b></p> |
| General Advisory              |            | <ul style="list-style-type: none"> <li>➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.</li> <li>➤ Framers from Jawali, Patan, Satara, Mahabaleshwar and Wai tahsil should carry out sowing at vafasa condition while farmers from rest of all tahsils should carry out sowing only when 70 to 100 mm rainfall receives.</li> </ul>   |
| SMS Advisory                  |            | <ul style="list-style-type: none"> <li>➤ Isolated heavy rainfall very likely to occur in the ghat areas of Satara on 29<sup>th</sup> and 30<sup>th</sup> June thus farmers should take care of themselves and their cattle's.</li> </ul>   |
| Groundnut                     | Pre-sowing | <p>Collect the seeds of following varieties of groundnut for sowing in kharif season</p> <ul style="list-style-type: none"> <li>➤ S.B.11, J.L.-24 (Phule Pragati), T.A.G.-24, J.L.-501, Phule Unnati, Phule Morana, Phule Varana</li> <li>➤ Intercropping: In kharif Groundnut crop for good profit take Soybean, Sunflower, Green Gram and Black Gram as intercrop with 6:2 ratio, Groundnut + Sorghum 1:1 ratio. Take Groundnut + Soybean (4:1) as intercrop if 2 rows of castor sown around the crop then it will help in controlling of leaf eating caterpillar.</li> <li>➤ <b>Seed treatment:</b> To protect crop from seed borne diseases apply 5 gram Trichoderma biological fungicide for 1 kg of seed then apply 25 gram rhizobium and 25 gram Phosphorus solubilising bacterial culture and dry it under shade.</li> </ul>   |
| Soybean                       | Pre-sowing | <ul style="list-style-type: none"> <li>➤ Select varieties of Soybean like <i>Phule Kimaya</i> (KDS 753), <i>Phule Sangam</i> ( KDS 726), <i>Phule Agrani</i> (KDS 344), <i>Phule Kalyani</i> (DS 228)</li> <li>➤ For drilling 75 to 80 kg/ha seed requires while for dibbling 45 to 50 kg of seed requires.</li> <li>➤ To protect crop from fungal diseases apply 4 gram Trichoderma biological fungicide for 1 kg of seed. After fungicidal seed treatment carry out seed treatment of Thiamethoaxam 34%S.F.@ (10ml/kg of seed) which will protect the crop from further attack of Stem fly.</li> <li>➤ Intercrop: In Soybean crop red gram can be taken as intercrop at 3:1 ratio.</li> </ul>  |



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|                   |            |   |
|-------------------|------------|---|
| <b>Rajama</b>     | Pre-sowing | Collect seeds of following varieties of Rajama for sowing in kharif season.<br>➤ Mutha, Varun and Phule Rajama varieties for sowing.<br>➤ Seed rate : 110 to 120 kg per hecter.   |
| <b>Green Gram</b> | Pre-sowing | ➤ Collect the seeds of following varieties of Green Gram.<br>➤ Vaibhav, A.K.M-4, B.M.2003-2, B.M.2002-1 and Utkarsha varieties.<br>➤ Seed rate 15 to 20 kg per hecter.  |
| <b>Bajara</b>     | Presowing  | ➤ Collect the seeds of following varieties of Bajara crop for sowing in Kharif season.<br>➤ Hybrid : Phule Adishakti, Phule Mahashakti and Improved varieties : Dhanshakti  |
| <b>Sugarcane</b>  | Growth     | ➤ Use light traps for control of White grubs.<br>➤ Keep the sugarcane field weed free.  |
| <b>Animals</b>    | Growth     | ➤ Carry out vaccination to animals for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.<br>➤ During rainy season care should be taken that the flowing rainwater should not enter into the drinking water tank of cattles. Drinking water tanks should be cleaned regularly and should be applied lime |

**Source:**

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS, KOLHAPUR)

**Place : ZARS, KOLHAPUR**

Sd/-

**Nodal Officer, GKMS, &**  
**Associate Director of Research,**  
**ZARS, Kolhapur**

**Date :28.06.2022**