



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR**  
**ZONAL AGRICULTURAL RESEARCH STATION,**  
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**Weather based Agromet Advisory committee meeting dated 28.06.2021**

**District: SANGLI**

| 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   | 3    | 0    | 0    | 1    | 0.6  | -  | Rainfall (mm)      | 5  | 41  | 59  | 26  | 25  |
| 28.2  | 31.3 | 31.1 | 31.2 | 29.4 | 26.9 | -  | Max. Temp. (°C)    | 34   | 34  | 32  | 31  | 34  |
| 22.6  | 22.2 | 22.8 | 22.6 | 22.5 | 22.2 | -  | Min. Temp. (°C)    | 21   | 22  | 21  | 21  | 22  |
| 7   | 7    | 5    | 8    | 8    | 8    | -  | Cloud Cover        | 8  | 8   | 8   | 8   | 8   |
| 82  | 89   | 90   | 87   | 89   | 90   | -  | Max. RH (%)        | 80   | 79  | 84  | 83  | 83  |
| 75  | 87   | 87   | 79   | 83   | 80   | -  | Min. RH (%)        | 53   | 54  | 72  | 70  | 66  |
| 1.9   | 3.7  | 1.9  | 1.9  | 7.4  | 7.4  | -  | Wind Speed(km/hr)  | 25   | 24  | 24  | 25  | 26  |
| 25  | 25   | 25   | 25   | 25   | 25   | -  | Wind Direction     | WSW  | WSW | WSW | WSW | WSW |

**Agromet Advisory Based on Weather Forecast Prediction**

| Crop                   | Stage      | Advisory  |
|------------------------|------------|---|
| Weather Summary/ Alert |            | 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 light to moderate rainfall at scattered places from 29 <sup>th</sup> June to 3 <sup>rd</sup> July in Sangli district. During next 5 days Maximum temperatures will remain nearby 31.0 to 34.0 and minimum nearby 21.0 to 22.0°C respectively. Morning relative humidity will remain between 79 to 84% and Afternoon relative humidity will remain 53 to 72%. Wind speed will remain between 24 to 26km/hr.<br>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. |
| 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>➤ Farmers from Shirala tahsil can 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> <li>➤ Carry out spraying in eastern part of tahsil only when there is no rainfall and wind speed is low.</li> </ul>  |
| SMS Advisory           |            | Carry out vaccination to animals for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.  |
| Groundnut              | Pre-sowing | Collect the seeds of following varieties of groundnut for sowing in kharif season <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>  |
| Sugarcane              | Growth     | <ul style="list-style-type: none"> <li>➤ Use light traps for control of White grubs.</li> <li>➤ Keep the sugarcane field weed free.</li> </ul>  |



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|                    |             |  |
|--------------------|-------------|--|
| <b>Green Gram</b>  | Pre-sowing  | <ul style="list-style-type: none"><li>➤ Collect the seeds of following varieties of Green Gram.</li><li>➤ Vaibhav, A.K.M-4, B.M.2003-2, B.M.2002-1 and Utkarsha varieties.</li><li>➤ Seed rate 15 to 20 kg per hector.</li></ul>   |
| <b>Pomogranate</b> | Ambia Bahar | <ul style="list-style-type: none"><li>➤ Ambia Bahar: Fruits with damaged holes: Remove all the damaged fruits with holes and dispose of them by burying them in the pit and take a spray with any one of the insecticide Cyantranilprole 10.26% OD @ 0.75 ml/L + 0.25 ml/L spreader sticker</li></ul>  |
| <b>Animals</b>     | Growth      | <ul style="list-style-type: none"><li>➤ Carry out vaccination to animals for prevention of diseases like Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia.</li><li>➤ 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</li></ul> |

**Source:**

- 1) Weather Forecast : Research Section, Mumbai  
2) Last week weather summary : IMD observatory (ZARS, KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Date : 28.06.2022**

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