



**Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola**  
**Gramin Krishi Mausam Sewa**  
**Agriculture Research Station, Sindewahi, Dist. Chandrapur**  
**Agro-Met Advisory Bulletin For**  
**Chandrapur District**



**No.GKMS/AAB/26/ARS/01/2025**

**Date: 01<sup>st</sup> April 2025**

| Observed Weather during last week.<br>(Dated 25 <sup>th</sup> to 31 <sup>st</sup> March 2025) |       |                  |                  |       |       |                  | Weather Parameters        | Weather Forecast of Chandrapur district<br>(Valid for dated 02 <sup>nd</sup> to 06 <sup>th</sup> April 2025) |        |        |                  |                  |
|---|-------|------------------|------------------|-------|-------|------------------|---------------------------|--|--------|--------|------------------|------------------|
| 25/03   | 26/03 | 27/03            | 28/03            | 29/03 | 30/03 | 31/03            | Date                      | 02/04  | 03/04  | 04/04  | 05/04            | 06/04            |
| 0.0   | 0.0   | 0.0              | 0.0              | 0.0   | 0.0   | 0.0              | Rainfall (mm)             | 18.2   | 28.4   | 18.5   | 15.2             | 0.0              |
| 38.2  | 39.0  | 40.5             | 40.5             | 40.0  | 40.2  | 39.5             | Max Temperature (Deg C)   | 38.6   | 37.8   | 34.9   | 36.8             | 39.6             |
| 21.5  | 22.0  | 23.5             | 24.0             | 24.5  | 24.0  | 23.5             | Min Temperature (Deg C)   | 27.4   | 27.6   | 28.4   | 27.4             | 27.6             |
| 66  | 63    | 76               | 67               | 50    | 56    | 66               | Max Relative Humidity (%) | 80   | 78     | 82     | 85               | 65               |
| 28  | 32    | 30               | 30               | 36    | 31    | 33               | Min Relative Humidity (%) | 45   | 60     | 61     | 69               | 40               |
| 4.0   | 0.05  | 0.06             | 0.01             | 0.04  | 0.04  | 0.04             | Wind Speed (%)            | 11   | 9      | 11     | 7                | 9                |
| Clear   | Clear | Partially Cloudy | Partially Cloudy | Clear | Clear | Partially Cloudy | Total Cloud Cover (Okta)  | Cloudy   | Cloudy | Cloudy | Partially Cloudy | Partially Cloudy |

|                            |  |
|----------------------------|--|
| Rainfall (mm) in last week | Rainfall (mm) from 01/06/2024 to till date |
| 0.0 (0)                    | 1802.2 (63)                                |

|                         |   |
|-------------------------|---|
| <b>Weather Forecast</b> | <b>As per the district level value added forecast given by, IMD, RMC, Nagpur, In Chandrapur district during next five days on dated 02<sup>nd</sup> to 06<sup>th</sup> April 2025 sky will be partially cloudy to cloudy along with Maximum temperature 34.9 to 39.6 degree Celsius &amp; Minimum temperature 27.4 to 28.4 degree Celsius &amp; on dated 02<sup>nd</sup> to 05<sup>th</sup> April light to moderate rainfall very likely to occur at one or two places.</b> |
|-------------------------|---|

|                |   |
|----------------|---|
| <b>Warning</b> | <b>On dated 02<sup>nd</sup> &amp; 04<sup>th</sup> to 05<sup>th</sup> April Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) and light to moderate rainfall very likely to occur at isolated/ one or two places &amp; on dated 03<sup>rd</sup> April Thunderstorm accompanied with lightning, Hailstorm/gusty winds (speed reaching 50-60 kmph) and light to moderate rainfall very likely to occur at isolated/ one or two places in Chandrapur district.</b> |
|----------------|---|

| Name of Crop             | Stage                      | Weather based Agro-advisory  |
|--------------------------|----------------------------|--|
| <b>General Advisory</b>  |                            | <ul style="list-style-type: none"> <li>➤ Due to the possibility of gusty winds, farmers should take care in vegetables, orchards and other crops/plants should be supported with bamboos depending on the stage of crop growth.</li> <li>➤ Considering the light rainfall forecast, it is advised to farmers, At APMC and Mandis buyer of agricultural commodities are advised that, do not store the farmer produced at open places to avoid the contact with rain. The farm produce arrival by farmer should be store under shade only to avoid the damaged due to rain.</li> <li>➤ Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of thunderstorm with lightning and light to moderate rainfall.</li> <li>➤ If you hear thunder while working in the field, go to concrete buildings or safe places, take shelter in the open field at twice to four times the height of the tree without taking shelter under the tree.</li> <li>➤ Use Damini - Lightning Alert mobile app to monitor lightning location and also use the information available in the app to protect against lightning</li> </ul> |
| <b>Summer Green Gram</b> | Vegetative Growth          | ➤ Farmers are advised to one weeding should be carried out @ 2 week of sowing and another one @ 30 to 35 days to keep the crop weed free.  |
| <b>Summer Sesame</b>     | Vegetative Growth          | ➤ Due cloudy weather infestation of blast was occurred in sesame, it controls spray Copper Oxychloride 25 g along with 6 g Streptocycline in 10 liters of water.   |
| <b>Summer Groundnut</b>  | Flowering to peg formation | <ul style="list-style-type: none"> <li>➤ For the control of leaf folder/leaf eating caterpillar spray with Quinalphos 20 ml or Carbaryl 50% 40gm in 10 liters of water.</li> <li>➤ For the control of Smut and Tikka disease of Groundnut spray with Tebukonoazoa 25%WG.@500-750 Gram per/ha in 500 liters of water.</li> </ul>  |
| <b>Summer Rice</b>       | Tillering stage            | <ul style="list-style-type: none"> <li>➤ After weeding is suggested to the farmers apply give 2nd dose of Nitrogen 25 kg/ha (54 Kg Urea per hecter) to rice crop after one month of transplanting.</li> <li>➤ Maintain optimum 3- 5cm water level in the rice field.</li> <li>➤ If infestation Stem Borer release Trichogramma japonicum is a parasitic insect release 50,000 eggs per hectare 3 to 4 times every 7 days 3-4 Days before and after release dont spray or apply any chemical insecticide.</li> <li>➤ When paddy bandhies 4- 5 pest infested tillers found, Apply Chlorantraniliprole 0.4% G or Fipronil 0.3 % G @ 25 kg per hectare by maintaining water level 5 to 7 cm. Do not remove water from paddy bunds for 4 to 5 days.</li> </ul>  |
| <b>Chilli</b>            | Flowering to Fruit stage   | <ul style="list-style-type: none"> <li>➤ Due to cloudy weather condition, there incidence of thrips and white fly on chilli crop, spraying should be taken of Emamectin Benzoate 5% WG 4 gm in 10 ml per 10 liters of water.</li> <li>➤ Previous weak cloudy weather may cause powdery mildew in chilli. For management of same take a spray of Myclobutanil 10 % WP @ 10 gm per 10 liters of water.</li> </ul>  |
| <b>Brinjal</b>           | Fruit Development          | ➤ For management of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 liters of water.  |
| <b>Mango</b>             | Fruit Development stage    | <ul style="list-style-type: none"> <li>➤ For control of Jassids and Powdery mildew disease spray Imidachlopride 17.8 SL 3 ml + 80% WP Sulphur 25 gm per 10 liters of water.</li> <li>➤ For management of fruit drop in mango spraying should be taken of 20 parts per million (PPM) Naphthalic Acetic Acid (NAA) mix with in water and apply on the inflorescence.</li> </ul>  |
| <b>Animal Management</b> |                            | <ul style="list-style-type: none"> <li>➤ Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of thunderstorm with lightning and light to moderate rainfall.</li> <li>➤ Due to presently increasing temperature regimes provide proper shelter to all farm animals. Provide clean hygienic drinking water and nutritious fodder and concentrate to farm animals.</li> <li>➤ For availability of green fodder to animals, African tall of maize crop and Pusa chaari and SSG-898 variety of fodder sorghum should be cultivated.</li> </ul>   |
| <b>Poultry</b>           |                            | ➤ There is possibility of increase in temperature, hence in poultry shed increase the water  |

|  |   |   |
|--|---|---|
| <b>Management</b>  |   | pots and provide adequate and clean drinking water. Also feed should be given in the morning and evening hours.   |
| <b>Soil Testing</b>  |   | ➤ Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also. |
| ➤ It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid from 08:30 AM on the previous day to 08:30 AM on the said date.  |   |   |
| This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of “Gramin Krishi Mausam Sewa (GKMS)” Agriculture Research Station, Sindewahi, Dist. Chandrapur (M.S) |   |   |
| <b>Principal Nodal Officer of<br/>GKMS &amp;<br/>Associate Professor of Agronomy<br/>Dr. P.D.K.V. Akola(MS)</b>  | <b>Nodal Officer &amp;<br/>Associate Director of Research<br/>GKMS, ARS, Sindewahi<br/>Dist. Chandrapur(MS)</b> | <b>Research Associate<br/>GKMS, AMFU-Unit,<br/>ARS, Sindewahi<br/>Dist. Chandrapur(MS)</b>  |