



**AGROMET ADVISORY BULLETIN**  
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**Weather based Agromet Advisory committee meeting dated 13.10.2026**

**District : Solapur**

**Significant past weather of the preceding week and Weather Forecast**

| Weather Parameters           | Weather Forecast<br>(13.10.2026 to 17.10.2026) |     |     |     |     |
|------------------------------|------------------------------------------------|-----|-----|-----|-----|
| Date                         | 14                                             | 15  | 16  | 17  | 18  |
| Rainfall (mm)                | 0.0                                            | 0.0 | 2.0 | 4.0 | 6.0 |
| Max. Temp. ( <sup>0</sup> C) | 38                                             | 37  | 37  | 37  | 35  |
| Min. Temp. ( <sup>0</sup> C) | 21                                             | 22  | 23  | 25  | 23  |
| Cloud Cover                  | 2                                              | 1   | 3   | 5   | 7   |
| Max. RH (%)                  | 70                                             | 74  | 74  | 79  | 87  |
| Min. RH (%)                  | 38                                             | 38  | 39  | 47  | 49  |
| Wind Speed(km/hr)            | 8                                              | 9   | 9   | 11  | 10  |
| Wind direction (deg)         | 77                                             | 74  | 88  | 96  | 103 |

**Agromet Advisory Based on Weather Forecast Prediction**

| Crop                                  | Crop Stage | Advisory                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Weather Summary/ Alert</b>         |            | <p>According to forecast given by Regional Meteorological Centre, Mumbai, India Meteorological Department, the weather may remain dry on dt. 13<sup>th</sup> &amp; 14<sup>th</sup> October, 2026 &amp; there is possibility of rainfall at isolated places on dt., 15<sup>th</sup> &amp; 16<sup>th</sup> October, 2026 &amp; at some (scattered) places on dt. 17<sup>th</sup> October, 2026 in the district.</p> <p><b>Warning :</b> According to forecast given by Regional Meteorological Centre, Mumbai, India Meteorological Department,</p> <ul style="list-style-type: none"> <li>➤ Isolated places in the district may experience thunderstorm activity accompanied with gusty winds (30 to 40 kmph), lightening &amp; light to moderate rainfall on dt. 16<sup>th</sup> &amp; 17<sup>th</sup> October, 2026.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Extended Range Forecast (ERFS)</b> |            | <p>As per ERFS products during 18<sup>th</sup> to 24<sup>th</sup> October, 2026 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division</p> <ul style="list-style-type: none"> <li>➤ Rainfall may remain above normal.</li> <li>➤ Maximum temperature may remain normal.</li> <li>➤ Minimum temperature may remain above normal.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>General Advisory</b>               |            | <ul style="list-style-type: none"> <li>• Due to the possibility of gusty winds, thunder, lightning, and rain harvested produce should be stored in a safe place and livestock should be sheltered in a safe place.</li> <li>• Farmers should download and make use of 'Meghdoot' mobile app for weather based crop advisory and weather forecast and 'Damini' mobile app for lightning and thunderstorm warning and forecasting.</li> <li>• Farmers should refer and use 'KRISHIDARSHINI' and 'Contingent Crop Plan' book published by Mahatma Phule Agricultural University for all agriculture related information.</li> <li>• Avoid unnecessary spraying on crops if there is severe moisture stress.</li> <li>• Monitor crops regularly: timely identify soil moisture levels, crop stages, and signs of stress.</li> <li>• Apply organic mulch: retain soil moisture using crop residues, sorghum stalks (kadba), straw, or dried grass. Mulching helps reduce evaporation.</li> <li>• Monitor for pests and diseases: if infestation approaches the economic threshold level, implement recommended control measures. Avoid unnecessary spraying of pesticides or fungicides.</li> <li>• In the district's dryland areas, planning should be done for the sowing of</li> </ul> |

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|                  |                         | <p>Rabi crops such as gram, safflower, and <i>Rabi</i> sorghum utilizing available soil moisture. Additionally, arrangements for assured water supply should be made during the crop's critical growth stages.</p> <ul style="list-style-type: none"> <li>• In irrigated areas, preparatory tasks for the <i>Rabi</i> season include: collecting soil samples for testing; harvesting <i>Kharif</i> crops and managing crop residues; determining the <i>Rabi</i> cropping pattern based on available irrigation water; planning for crops such as gram (chickpea), <i>Rabi</i> sorghum, wheat, safflower, and <i>Rabi</i> maize; ensuring the availability of certified seeds and necessary inputs; collecting materials required for seed treatment; repairing farm bunds, trenches, and drainage systems; and determining fertilizer requirements based on soil test results.</li> <li>• If planning to sow during the <i>Rabi</i> season, proceed only if assured irrigation is available for the crop's critical growth stages. Select short-duration varieties for sowing.</li> <li>• Use assured irrigation very judiciously. Strictly employ sprinkler or drip irrigation systems to maximize water conservation.</li> <li>• Adopt an intercropping system whenever possible during the <i>Rabi</i> season; for example, Sorghum + Chickpea (6:3) or Safflower + Chickpea (3:6).</li> <li>• Use the BBF (Broad Bed and Furrow) method for sowing to facilitate soil and water conservation.</li> <li>• Treat seeds with 'Phule Biomix' at the time of sowing. Additionally, if there is a micronutrient deficiency, spray 'Phule Grade II' 10 ml per liter of water.</li> <li>• Minimize the use of herbicides during the <i>Rabi</i> season; instead, keep the crop weed-free through timely inter-cultivation operations like hoeing and manual weeding.</li> <li>• In dryland areas, inter-cultivation (hoeing) of <i>Rabi</i> crops helps fill soil cracks, thereby reducing evaporation and helping to retain soil moisture.</li> <li>• Thinning should be carried out in <i>Rabi</i> season crops as excessive plant population leads to increased competition for moisture, resulting in a moisture deficit during the flowering stage and a subsequent reduction in yield.</li> </ul> |
| <b>Sugarcane</b> | Vegetative Growth Stage | <p>For biological control of stem borer, use 5 to 6 trichocards per hectare at an interval of 15 days and use 5 pheromone traps (ESB lure) per hectare. Regularly monitor the sugarcane crop for pyrilla infestation. If an average of 3–5 nymphs or adult insects per leaf, or one egg mass per leaf, is observed, consider that the economic threshold level has been reached and initiate control measures immediately. Chemical control should be undertaken only after the economic threshold level is exceeded. Spray chlorpyrifos 20% EC @ 30 ml or acephate 50% + imidacloprid 1.80% SP @ 50 gm per 10 litres of water. Before spraying, check the current CIBRC label claim, crop and pest approval, and follow all instructions given on the pesticide label. Remove the lower dried leaves from the standing sugarcane crop and spread them in the furrows as mulch. If the crop is under water stress, prepare a mixture of 2% Muriate of Potash + 2% Urea and spray it on the crop every three weeks.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>safflower</b> | Sowing Stage            | <p>Sowing should be completed by the first week of October, utilizing the moisture available in the soil. The crop variety should be selected based on the depth of the soil. In dryland areas, the spacing between rows should be 45 cm, and the distance between plants within a row should be 20 cm. Sowing should be done using a two bowl seed drill, which allows for the simultaneous placement of fertilizer and seeds. Fertilizers should be applied at the time of</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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|                     |                                  | sowing in accordance with recommendations. Seeds should be treated with azotobacter 25 gm per kg and PSB 25 gm per kg of seed. To control seed-borne and soil-borne fungal diseases, the safflower seeds should be treated with the bio-fungicide trichoderma 10 gm per kilogram of seed prior to sowing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Rabi sorghum</b> | Sowing Stage                     | Sowing of sorghum should be carried out by October 15th at a depth of 5 cm, utilizing the moisture available in the soil. The crop variety should be selected based on the depth of the soil. The crop should be sown with a spacing of 45×15 cm, and fertilizers applied at the time of sowing as per recommendations. Before sowing, coat the seeds with 4 grams of 80% WP sulphur (300-mesh grade) per kilogram, followed by a coating of 25 grams each of azotobacter and PSB cultures. For irrigated sorghum, the sowing spacing should be 45×12 cm; use 10 kg of seed per hectare after treating it with the bacterial cultures. A two-bowl seed drill should be used to sow the fertilizer and seeds simultaneously. In areas where sorghum has been sown early, use 5 to 10 Trichocards per hectare at weekly intervals for the biological control of stem borers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Soybean</b>      | Maturity to harvest Stage        | Spraying with the fungicide thiophanate-methyl 70% WP 1 gram per liter of water prior to harvesting helps prevent damage caused by fungal diseases. Harvesting of the matured soybean crop should be done. The harvested crop should be dried in the sun for 3–4 days, threshed, and stored in a safe place.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pigeon pea</b>   | flowering to pod-formation Stage | If pigeon pea has been sown in areas with irrigation facilities, provide protective irrigation during the flowering to pod-formation stage.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Maize</b>        | Maturity to harvest Stage        | Mature cobs should be harvested. Harvested cobs should be dried well in the sun for 4-5 days and stored in a safe place.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Banana</b>       | Vegetative stage                 | Banana plantations are currently experiencing a widespread outbreak of karpa (leaf spot) disease. To manage this, farmers should spray using one of the following combinations: metiram + pyraclostrobin 3 gm per lit. mixed with banole/ mineral oil 10 ml per lit. or azoxystrobin + difenoconazole 2 ml per lit. or tebuconazole + trifloxystrobin 0.5 ml per lit of water. For newly planted orchards, the spray mixture should consist of carbendazim 1 gm per lit. or tilt/ propiconazole 0.5 ml per lit. combined with mineral oil 10 ml per lit. of water. Uproot the viral disease CMV infected plants and spray with imidacloprid 0.5 ml per lit. of water. If corm rot is observed, apply bleaching powder 4 gm per plant using the ring application method, followed by irrigation. Four months after banana planting, spray a solution prepared by dissolving 50 grams each of the micronutrients EDTA-Zinc and EDTA-Iron in 10 liters of water. Water the orchard according to availability and necessity. Additionally, use mulch to reduce evaporation, and every fifteen days, spray the banana leaves with a solution of 80 grams of kaolin (an anti-transpirant) in 10 liters of water. To mitigate the adverse effects of water stress, spray the plants with a solution containing 18 milligrams of acetylsalicylic acid per liter of water. |
| <b>Pomegranate</b>  | Vegetative stage                 | If the Mrig Bahar crop is currently in the fruit development stage, the number of fruits should be managed based on water availability by removing smaller fruits. Farmers planning for the Hasta Bahar should allow the orchard to rest if water is unavailable; additionally, organic mulching should be applied around the base of the trees, and water should be provided only as needed. Given the water situation and rising temperatures, the priority should be on saving the trees rather than attempting to harvest a crop.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Guava</b>        | Vegetative stage                 | 10 pheromon (methyl euginal) traps should be used per acre for control of fruit fly on semi-ripe fruit. If nematode infestation is observed on guava crop, trichoderma plus biological controller 10 grams per liter of water should be applied around the trunk. Integrated nutrient management should mainly                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|                                                                                                                                               |                  | include grade II micronutrients and Phule Super Biomix, a biological product, should be applied as a drip 4 liters per acre to kill harmful fungi in the soil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Custard apple</b>                                                                                                                          | Vegetative stage | Irrigation should be provided every 5–6 days for light soils, every 8–10 days for medium soils, and every 10–12 days for heavy soils; drip irrigation is recommended for the orchard. Custard apples should be harvested when signs of maturity appear such as the fruit turning pale green, the segments (or 'eyes') opening to reveal a whitish-yellow hue in the gaps between them, the scales becoming raised, and the skin beginning to crack at the segments. After harvesting, the fruit should be graded, packed in crates or corrugated fiberboard boxes, and immediately sent for sale.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Orchard</b>                                                                                                                                | Management       | Due to present condition, organic mulching should be used in orchards to reduce evaporation, and an anti-transpirant (3% Kaolin) should be sprayed. Drip irrigation should be used in the orchard during the morning and evening hours. Fruit thinning should be carried out if the fruit load is excessive. The application of nitrogenous fertilizers should be reduced. The orchard should be kept clean through regular weed control, and organic fertilizers should be used. Given the water availability and rising temperatures, the focus should be on saving trees rather than cultivating crops.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Animal Management</b>                                                                                                                      |                  | If water availability is severely limited, instead of cultivating fodder crops over a vast area, one can plan to produce fodder for essential livestock within a smaller area using protected irrigation. Crops such as sorghum (jowar), pearl millet (bajra), maize, berseem, or lucerne can be considered, taking into account available water, sowing time, soil moisture, and local weather conditions. Anticipating potential fodder shortages, it is essential to properly manage available green fodder, dry sorghum stalks (kadba), crop residues, dry fodder, and other sources. Special emphasis should be placed on conserving available fodder, cultivating low-water-requirement fodder crops, producing silage, enhancing fodder nutritional value, and implementing collective fodder management. Instead of feeding large quantities of available green fodder to livestock all at once, it should be distributed in a planned manner. Crop residues obtained from soybean, sorghum, pearl millet, maize, pigeon pea (tur), and other crops should be utilized as fodder. Properly chopping these residues and storing them in a safe location helps mitigate the severity of future fodder shortages. |
| <b>Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. and use Kisan Kavach Body Suite.</b> |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**Source:**

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|------------------------------|------------------------------------------------|
| 1) Weather Forecast          | : Regional Meteorological Centre (RMC, Mumbai) |
| 2) Last week weather summary | : IMD observatory (CAGMO, A.C., Pune)          |

**Place : COA, Pune**  
**Date : 13.10.2026**

**Sd/-**  
**Principal Nodal Officer, GKMS, AMFU Pune &**  
**Head, Department of Agril. Meteorology, COA, Pune.**