



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 06.12.2024
District Jalgaon

| Weather Parameters | Weather Forecast (06.12.2024 to 10.12.2024) | | | | | |
|----------------------|--|-----|-----|-----|----|----|
| | Date | 7 | 8 | 9 | 10 | 11 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 | 0 |
| Max. Temp. (0C) | 31 | 30 | 30 | 29 | 28 | |
| Min. Temp. (0C) | 16 | 14 | 11 | 9 | 9 | |
| Cloud Cover | 4 | 3 | 4 | 3 | 5 | |
| Max. RH (%) | 72 | 74 | 72 | 72 | 73 | |
| Min. RH (%) | 57 | 58 | 58 | 57 | 58 | |
| Wind Speed(km/hr) | 2 | 1 | 3 | 3 | 7 | |
| Wind direction (deg) | 59 | 315 | 302 | 334 | 51 | |

Agromet Advisory Based on Weather Forecast Prediction

| Crop | Crop Stage | Advisory |
|---------------------------------------|-----------------------|--|
| Weather Summary/ Alert | | According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department there is possibility of rainfall at isolated places on dt. 06 th December, 2024 and the weather may remain dry during dt. 07 th , 08 th , 09 th & 10 th December, 2024 in the district. |
| Extended Range Forecast (ERFS) | | As per ERFS products during 11 th to 17 th December, 2024 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division <ul style="list-style-type: none"> ➤ Rainfall may remain above normal. ➤ Maximum temperature may remain below normal. ➤ Minimum temperature may remain normal. |
| General Advisory | | <ul style="list-style-type: none"> • As there is possibility of rainfall, store the harvested produce at safe storage places. The harvested produce should be covered properly. • In <i>rabi</i> crops the intercultural operations should be carried out (after 2-3 weeks of sowing) and proper irrigation should be provided as per availability and requirement. • Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done. • Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast. • Also, farmers should download and make use of Damini mobile app for lightning and thunderstorm warning and forecasting. |
| Wheat | Crown root Initiation | Wheat crop should be given irrigation at critical growth stages for proper growth and development. During crown root initiation stage (18 to 21 days after sowing) crop should be irrigated. Due to cloudy weather condition, for control of aphid spray thiamethoaxam 25% WG 1 gram per 10 liters of water. |

| | | |
|--|-------------------------|--|
| Chick pea | Flowering Stage | Due to present cloudy weather condition when crop is in flowering stage, for control of various pests spray 5 % neem extract in clear weather. For control of gram pod borer erect T shaped bird perches and install 5 pheromone traps per hectare. |
| Pigeon pea | Pod development stage | Due to present cloudy weather condition for control of pod borer install 5 pheromone traps per hectare and spray of 5% neem ark or neem based insecticide azadiractine 0.03 %, 300 PPM, 5 ml per liter of water. Integrated pest management practices should be followed for control of pod borer, plume moth, pod fly during pod development stage. |
| Rabi safflower | Vegetative Growth Stage | Due to present cloudy weather condition for control of aphids and leaf eating caterpillar spray Acephate 16 g + Fenvalerate 10 ml per 10 liters of water. |
| Brinjal | Vegetative growth stage | Due to present cloudy weather condition for control of shoot & fruit borer in brinjal spray 4% neem ark 50 ml per 10 lit. of water or cypermethrine 25%, 5 ml per 10 lit. of water. Damaged shoot and fruits should be removed and destroyed weekly. |
| Mango | New flush | Due to present cloudy weather condition for control of Leaf hoppers/ jassids spray Imidacloprid 17.8 S.L. 3ml or Lambda Cyhalothrin 5% E.C. 10 ml per 10 liters of water when. |
| Animal Management | | For control and prevention of diseases, all animals should be given medicine and vaccination in consultation with veterinary doctor. The location of cattle shed should be at proper height and with ample sunlight and aeration available in the shed. Always give clean drinking water to animals. |
| Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. | | |

Source:

- 1) Weather Forecast : Regional Meteorological Centre (RMC, Mumbai)
2) Last week weather summary : -

Place : COA, Pune

Date : 06.12.2024

Sd/-

Principal Nodal Officer, GKMS, AMFU Pune & Head, Department of Agril. Meteorology, COA, Pune.