



Amravati District Agromet Advisory Bulletin No. : 31 / 2024-25

Day & Date : Tuesday 29.10.2024

| Weather Parameters | Weather Forecast (Valid for 29 th October 2024 To 02 nd November 2024) | | | | |
|--------------------|--|--------|--------|--------|--------|
| | Date | 29/10 | 30/10 | 31/10 | 01/11 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Tmax (°C) | 34.3 | 34.6 | 34.4 | 34.2 | 34.1 |
| Tmin (°C) | 19.2 | 20.9 | 20.2 | 19.2 | 18.6 |
| RH-I (%) | 90 | 94 | 95 | 94 | 95 |
| RH-II (%) | 62 | 75 | 81 | 75 | 81 |
| Wind Speed (km/hr) | 4 | 4 | 3 | 4 | 3 |
| PM Wind Direction | 227 | 154 | 209 | 154 | 209 |
| Cloud cover | Cloudy | Cloudy | Cloudy | Cloudy | Cloudy |

| Crop | Stage | Weather Based Agro Advisory |
|--------------|--|--|
| Forecast | - | <ul style="list-style-type: none"> Today's forecast for the district indicates dry weather very likely to occur during 29 October-02 November. No change in maximum temperature for next 5 days while the minimum temperature will rise by 2-3°C during next 24 hours, thereafter no significant change over vidharbha region. |
| General | Branching | <ul style="list-style-type: none"> Follow safety measures and use protective aids while handling and spraying pesticides. Undertake clean picking of burst bolls in earlier sown cotton and properly dry the produce before storage, variety wise. Foliar spray of 2% DAP at boll development stage is advisable for better productivity. Foliar spray of 1% urea and 1% Magnesium sulphate in boll development stage is advisable to avoid reddening of cotton in later crop stage. |
| Cotton | Squaring/ Flowering/ Boll initiation/ Picking | <ul style="list-style-type: none"> Collect and destroy rosette flowers/ buds. At boll formation stage, inspect for presence and damage of pink bollworm by plucking 20 green bolls per acre from randomly selected plants. If infestation is 5 to 10% undertake spray of thiodicarb 75% WP@ 25g OR quinalphos 25% AF @ 25 ml OR chlorpyrifos 25% EC @ 25 ml OR Profenofos 50% EC @ 30 ml OR indoxacarb 15.8% EC @ 10 ml OR deltamethrin 2.8% EC @ 10 ml per 10 litres of water. If infestation is more than 10% undertake spray of triazophos 35% EC+ deltamethrin 1% EC @ 17 ml OR chlorantraniliprole 9.3% + lambdacyhalothrin 4.6% zc @ 5 ml OR chlorpyrifos 50%+cypermethrin 5% EC @ 20 ml OR indoxacarb 14.5% + acetamaprid 7.7% SC @ 10 ml per 10 litres of water. |
| Pigeonpea | Branching / Flowering | <ul style="list-style-type: none"> Install pheromone traps at a distance of 50 m@ 5 / ha for monitoring of Helicoverpa. Monitor for the presence of eggs and small larvae. Erect bird perches randomly in the field to encourage predation by insectivorous birds. For leaf folder remove the webbed leaves along with larvae and destroy them. Due to congenial weather wilting/blight symptoms are observed in kharif pigeonpea, for control undertake drenching with copper oxychloride 50%WP@25gm OR captan 75%WP @ 20 gm in 10 litres of water. For control of incidence of Phytophthora blight (stem rot or stem blight) observed in pigeonpea undertake spray of Fosetyl AL 80% WP@ 20 gm in 10 litres of water. |
| Sesame | Growth | <ul style="list-style-type: none"> Undertake intercultural operation in timely sown sesame crop. |
| Rabi Sorghum | Sowing | <ul style="list-style-type: none"> Irrigated sorghum (PKV Kranti) can normally be sown by October end. Seed treatment with Azotobacter+ PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable. Recommended fertilization for irrigated sole crop is @ 80:40:40 kg NPK/ha with N in 2 splits. |
| Safflower | Sowing / Growth | <ul style="list-style-type: none"> Undertake intercultural operation in timely sown safflower crop. Under irrigated condition safflower(PKV-Pink, AKS-207, Bhima,) can normally be sown till October end. Seed treatment with Azotobacter+ PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable. |
| Linseed | Sowing | <ul style="list-style-type: none"> Irrigated linseed (PKV-NL-260, NL-97) can normally be sown by first week of November. Seed treatment with Azotobacter+ PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable. Recommended fertilization for irrigated sole crop is @ 60:30 kg NP/ha with N in 2 splits. Feasible intercropping systems include linseed+chickpea (4:2) or linseed+safflower(4:2). |
| Chickpea | Sowing | <ul style="list-style-type: none"> Irrigated chickpea (Jaki 9218, PDKV Kanchan, Vijay, Vishal, ICCV-2, and ICCV-10) can normally be sown by October end or latest by 10 November. Wilt resistant varieties include JAKI 9218, Vishal, ICCV-2, ICCV-10 etc. Maintain sowing depth of 5 cm under irrigated condition. Seed treatment with Rhizobium + PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable. Recommended fertilization for irrigated sole crop is @ 25:50:30 kg NPK/ha at sowing. Feasible intercropping system includes chickpea+rabi sorghum (6:2). |
| Fruit crops | Growth | <ul style="list-style-type: none"> Make tree basins of fruit crops weed free. For management of hasta bahar in acid lime undertake spray of potassium nitrate 2% at release of moisture stress. Undertake recommended manuring/fertilization as per age of orchard trees. |
| Vegetable | Growth | <ul style="list-style-type: none"> Undertake nursery sowing of tomato, brinjal, cabbage, cauliflower and sowing of spinach, fenugreek, radish, and carrot, dolichos bean and ivy gourd. |
| Livestock | - | <ul style="list-style-type: none"> Ensure protection of farm animals during thunderstorm/lightning. Ensure sufficient feed and medication for livestock to last through prevailing disruption. Vaccination of susceptible farm animals against foot-and-mouth disease (FMD) is advisable. Download DAMINI mobile app from mobile play store for use of accurate warnings of lightning. |

This Agro Advisory Bulletin (AAB) is prepared & published with the consultation and recommendation of SMS committee of "Gramin Krishi Mausam Sewa" (GKMS) Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola. 444005 (MS).

Nodal Officer
Gramin Krishi Mausam Sewa (GKMS)
Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola

Technical Officer
Gramin Krishi Mausam Sewa (GKMS)
Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola