



**Akola District Agromet Advisory Bulletin No. : 34 / 2024-25**

**Day & Date : Tuesday 19.11.2024**

Observed weather during last week (Dated 12 <sup>th</sup> November 2024 to 18 <sup>th</sup> November 2024)							Weather Parameters	Weather Forecast (Valid for 19 <sup>th</sup> November 2024 To 23 <sup>rd</sup> November 2024)				
12/11	13/11	14/11	15/11	16/11	17/11	18/11	Date	19/11	20/11	21/11	22/11	23/11
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.2	31.4	31.8	31.4	31.2	31.0	31.6	Tmax (°C)	31.3	31.8	31.3	31.4	31.2
13.6	13.2	13.0	14.0	14.6	10.0	9.6	Tmin (°C)	15.4	15.2	15.3	14.5	15.5
79	75	78	79	82	81	80	RH-I (%)	49	44	39	38	40
44	40	39	46	42	39	38	RH-II (%)	26	27	24	21	20
1.1	1.2	1.4	1.3	0.8	0.8	0.8	Wind Speed (km/hr)	4	5	6	7	5
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind Direction	69	81	88	90	79
Cloudy	PC	PC	PC	PC	PC	PC	Cloud cover	Clear	Clear	Clear	Clear	Clear
Rainfall (mm) in last week				Rainfall (mm) from 01/06/2024 to till date				Rainy Days (No.) from 01/06/2024 to till date				
76.0				955.1				44				

Crop	Stage	Weather Based Agro Advisory
Forecast	-	<ul style="list-style-type: none"> <li>Today's forecast for the district indicates dry weather very likely to occur during 19-23 November. There will be no large change in maximum and minimum temperature for next 5 days over vidharbha region.</li> </ul>
General	Branching	<ul style="list-style-type: none"> <li>Undertake need based intercultural in earlier sown crop and keep the field weed free.</li> </ul>
Cotton	Squaring/ Flowering/ Boll initiation/ Picking	<ul style="list-style-type: none"> <li>Undertake clean picking of burst bolls in earlier sown cotton and properly dry the produce before storage, variety wise.</li> <li>Foliar spray of 2% DAP at boll development stage is advisable for better productivity.</li> <li>Foliar spray of 1% urea and 1% Magnesium sulphate in boll development stage is advisable to avoid reddening of cotton in later crop stage.</li> <li>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 quinolphos 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.</li> <li>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% + acetamidaprid 7.7% SC @ 10 ml per 10 litres of water.</li> </ul>
Pigeonpea	Flowering / Pod formation	<ul style="list-style-type: none"> <li>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.)</li> <li>To manage the initial incidence of pod borer (Helicoverpa) undertake spray at flowering stage of 5% NKSE OR Azadirachtin 300 PPM @ 50 ml in 10 litres of water.</li> <li>Need based protective irrigation is advisable in pigeonpea.</li> </ul>
Sesame	Vegetative	<ul style="list-style-type: none"> <li>Undertake need based intercultural in earlier sown crop and keep the field weed free.</li> <li>Need based protective irrigation is advisable in earlier sown sesame.</li> </ul>
Rabi Sorghum/ Maize	Growth	<ul style="list-style-type: none"> <li>Undertake need based intercultural and keep the field weed free.</li> <li>Apply top dressing of nitrogen fertilizer @ 40 kg N/ha to 25-30 days old Rabi sorghum/Rabi maize crop at adequate soil moisture under protective irrigation.</li> </ul>
Safflower	Vegetative	<ul style="list-style-type: none"> <li>Undertake intercultural operations in earlier sown safflower.</li> <li>Monitor for incidence of sap sucking aphids particularly in irrigated / late sown safflower crop and for above ETL level incidence (30% infested plants) undertake spray with dimethoate 30% EC @ 13 ml per 10 litres of water.</li> <li>For higher productivity protective irrigation is advisable in safflower. In case of availability of one irrigation schedule it at 50 days crop stage, for availability of two irrigations schedule it at 30 and 50 days crop stage, for availability of three irrigations schedule it at 30, 50 and 65 days crop stage.</li> </ul>
Linseed	Growth	<ul style="list-style-type: none"> <li>Undertake intercultural operation in timely sown Linseed crop.</li> </ul>
Chickpea	Growth	<ul style="list-style-type: none"> <li>Undertake need based intercultural in earlier sown crop and keep the field weed free.</li> <li>Need based protective irrigation is advisable in earlier sown chickpea.</li> </ul>
Wheat	Sowing	<ul style="list-style-type: none"> <li>For delayed sowing of irrigated wheat (November 15-December 15) use varieties – PDKV Sardar (AKAW 4210-6), AKW-1071(Purna). Follow seed treatment with Carbendazim @ 2.5 g / kg seed. Also, seed treatment with Azotobacter and PSB @ 25 g each / kg seed treatment is advisable. Use fertilizer @ 40:40:40 kg NPK/ha at sowing and remaining N @ 40 kg/ha at 18-20 days stage at first irrigation.</li> </ul>
Mustard	Sowing	<ul style="list-style-type: none"> <li>Under irrigated condition mustard can be sown till first fortnight of November. Use 5 kg seed rate and row spacing of 45 cm. Apply 50 kg N + 40 kg P2O5 with half N and full P2O5 at sowing and remaining N at 25-30 days stage at first irrigation. For better productivity apply 20 kg sulphur and 1 kg boron per ha at sowing.</li> </ul>
Fruit crops	Growth	<ul style="list-style-type: none"> <li>Undertake harvesting of mature and ripe amba bahar orange fruits and grading the produce for better marketability.</li> <li>Ensure timely harvest of guava (Mrig bahar) and custard apple fruits .</li> <li>Basin mulching and need based irrigation is advisable in mriga bahar laden orange orchards.</li> <li>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.</li> </ul>
Vegetable	Growth	<ul style="list-style-type: none"> <li>Need based protective irrigation is advisable in vegetables.</li> <li>Undertake nursery sowing of onion (white onion varieties: Akola safed, Phule safed, Yashoda, Bhima Shweta; Red onion varieties: Pusa Red, Niphad 53, Agrifound light red, N 2-4-1, Arka Pragti.</li> <li>Transplanting of brinjal, tomato, cabbage cauliflower and seed sowing of radish, carrot, leafy vegetables can be initiated during this period.</li> </ul>
Livestock	-	<ul style="list-style-type: none"> <li>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.</li> <li>With decrease in night temperature protect newly born calf and milch animals from evening/morning cold.</li> <li>Download DAMINI mobile app from mobile play store for use of accurate warnings of lightning.</li> </ul>

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).

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