



Akola District Agromet Advisory Bulletin No. : 46 / 2024-25

Day & Date : Tuesday 11.02.2025

Observed weather during last week (Dated 04 th February 2024 to 10 th February 2025)							Weather Parameters	Weather Forecast (Valid for 11 th February 2025 To 15 th February 2025)				
04/02	05/02	06/02	07/02	08/02	09/02	10/02	Date	11/02	12/02	13/02	14/02	15/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34.8	36.2	36.4	31.4	31.0	33.2	33.4	Tmax (°C)	36.2	35.4	35.3	34.8	35.6
17.5	19.4	16.8	16.0	15.6	17.2	18.6	Tmin (°C)	20.3	18.4	17.2	17.3	18.3
75	71	77	76	73	71	74	RH-I (%)	60	65	60	70	65
19	19	28	27	20	19	26	RH-II (%)	36	35	36	35	35
0.6	2.5	1.5	3.0	1.7	1.6	1.2	Wind Speed (km/hr)	14	11	7	14	17
E	E	E	E	E	E	E	Wind Direction	271	225	226	315	269
Clear	Clear	Clear	Clear	Clear	Clear	Clear	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					
0.0				958.5			45					

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 11-15 February, there will be no large change in minimum temperature for next 24 hours, there will be fall in 2-4 °C in subsequent second day to fourth day. Thereafter there will be gradual rise. There will be fall in 2-3 °C maximum temperature in next three days, there after there will be no large change.
General	flowering	<ul style="list-style-type: none"> Need based protective irrigation is advisable in Groundnut, chickpea, wheat crop.
Chickpea	Flowering / Pod formation	<ul style="list-style-type: none"> Undertake spray of nitrobenzene 10 ml to give scope for flower growth and NAA (Naphthelene Acetic Acid) 2 ml 10 liters of water to stop flower shading. Undertake need based irrigation in chickpea crop. For pod borer (Helicoverpa) management erect bird perches @ 20/ha randomly in the field to encourage predation by insectivorous birds. Install pheromone traps (hexalure) @ 5/ha for monitoring the incidence of pod borer (Helicoverpa). Undertake control measures if 8 to 10 adult moths are observed in the trap over 3 consecutive days.. For management of pod borer (Helicoverpa) undertake first spray at 50% flowering stage with 5% NKSE OR Azadirachtin 1500 PPM @ 25 ml OR HaNPV (1x10⁹ POB/ml) 500 LE/ha, OR quinalphos 25%EC @ 20 ml per 10 litres of water. Fifteen days after first spray undertake second spray with Emamectin benzoate 5% SG @ 3 g OR Ethion 50% EC @ 25ml OR Flubendiamide 20% WG @ 5 g OR Chlorantraniliprole 18.5 % SG @ 2.5 g per 10 litres of water.
Wheat	Flowering	<ul style="list-style-type: none"> In case of limited water availability apply three irrigations schedule at 21, 42 and 65 days crop stage. Undertake proper irrigation schedule in wheat crop.
Groundnut	Sowing	<ul style="list-style-type: none"> With assured irrigation facility, Undertake sowing of summer groundnut (TAG 24) preferably BBF sowing with sprinkler irrigation is advisable for summer groundnut. Seed treatment with Trichoderma 5g/kg seed and rhizobium and PSB (each 250g / 10-15 kg seed) is advisable.
Mustard	Flowering	<ul style="list-style-type: none"> For higher productivity protective irrigation is advisable. Undertake need base interculture operation.
Safflower	Seed Formation/development	<ul style="list-style-type: none"> 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 /10 litres of water. 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.
Fruit crops	-	<ul style="list-style-type: none"> Harvesting of Ambia bahar fruits should be completed as far as possible by this time. Dead wood pruning may be done after harvest of Ambia bahar fruits which should be immediately followed by spraying of fungicide, Carbendazim @ 1 gm/litre water. For next season of Ambia bahar the trees should be put on water stress by withdrawing irrigation. For adequate stress spray cycocel @ 2 ml/lit of water. Drip irrigation on Mrig bahar bearing trees of Nagpur mandarin and sweet orange should be continued. Apply by drip irrigation 41 litres water/day/tree to 6 years tree, 65 litres water/day/tree to 8 years tree and 82 litres water/day/tree to 10 years and above trees. Application of organic mulches in tree basins is advisable for thermal insulation to reduce cooling of soil surface during cold weather period and reduce soil evaporative loss.
Vegetable	-	<ul style="list-style-type: none"> Harvest and Immediately harvest mature fruits & with safe storage. Need based protective irrigation is advisable in vegetables. 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.
Livestock	-	<ul style="list-style-type: none"> During Thunderstorm / heavy wind or cloudy condition.undertake utmost care of livestock. Protect poultry birds/chicks from cold winds by hanging curtain/clothing from outside the poultry shed. Use of electric bulbs (5-6 hrs) for heat is advisable. Screening of farm livestock, draught / milch animals for diseases be considered and they be vaccinated for foot and mouth disease (FMD). For livestock green feed, with availability of irrigation water, undertake sowing of fodder crops.

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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