



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

Day & Date : Friday 14.02.2025

Observed weather during last week (Dated 07 th February 2024 to 13 th February 2025)							Weather Parameters	Weather Forecast (Valid for 14 th February 2025 To 18 th February 2025)				
07/02	08/02	09/02	10/02	11/02	12/02	13/02	Date	14/02	15/02	16/02	17/02	18/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.4	31.0	33.2	33.4	35.6	35.4	33.8	Tmax (°C)	36.5	36.3	36.2	35.7	35.9
16.0	15.6	17.2	18.6	20.0	14.4	13.0	Tmin (°C)	18.5	18.3	18.7	18.3	17.2
76	73	71	74	69	70	73	RH-I (%)	65	65	60	66	68
27	20	19	26	21	23	18	RH-II (%)	35	40	35	38	39
3.0	1.7	1.6	1.2	1.3	2.0	3.2	Wind Speed (km/hr)	8	12	14	12	14
E	E	E	E	NW	NW	NW	Wind Direction	135	97	142	50	225
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 14-18 February, there will be rise in minimum temperature by 3-5 °C for next 3 days, thereafter there will be no large change. there will be rise in maximum temperature by 2-4 °C for next 3 days, thereafter there will be no large change over vidarbha region.
General	Flowering	<ul style="list-style-type: none"> Need based protective irrigation is advisable in Groundnut, chickpea, wheat crop.
Chickpea	Pod development/ Maturity	<ul style="list-style-type: none"> Undertake need based irrigation in chickpea crop as there will be rise in minimum and maximum temperature by 3-5 °C for next 3 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 quinolphos 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	Milking / Grain	<ul style="list-style-type: none"> 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 250 g / 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.
Livestock	-	<ul style="list-style-type: none"> Undertake sowing of fodder crops. 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.

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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