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District: - Bikaner

Weather Forecast and Agromet Advisory

Period 27th February 2026 to 03th March 2026

Weather review of last week: During this period, the maximum temperature ranged between 14.9 to 19.9 °C and the minimum temperature ranged between 3.8 to 6.5°C. During this period, low wind speed observed with RH values of 65% to 95%.	Weather forecast for the coming week: On the basis of the information received from the India Meteorological Department, New Delhi and Regional Meteorological Centre, Jaipur, weather for the next 5 days in Bikaner district (27.02.2026 to 03.03.2026) clear sky on 27.02.2026 to 03.03.2026. T _{min} will 17.0-20.0°C and the T _{max} is likely to remain between 32.0-35.0 °C. During this period low to moderate wind velocity is likely to blow coupled with very low relative humidity. Winds will blow from the North-North-East, West, North-West, North-North-West and North directions.
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Weather Parameter	Date				
	27.02.2026	28.02.2026	01.03.2026	02.03.2026	03.03.2026
Rainfall (mm)	0	0	0	0	0
Cloud cover	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Temperature Maximum (° C)	34	32	33	34	35
Temperature Minimum (° C)	18	17	18	18	20
Wind direction	W	N	NNE	NNW	NW
Minimum Relative humidity (%)	35	37	33	33	32
Maximum Relative humidity (%)	24	23	22	21	22
Wind velocity(km/hr)	1	1	1	1	1
Cumulative rains (mm)	00.00				

Agro Advisory: Based on the weather review of last week and the weather forecast for this week, the following advices are for the farmers.

Specific advisory	Due to increase in temperature, there is a possibility of pest and disease infection in timely sown crops. Therefore, regularly watch fields, to diagnose insect pest & disease infestation for timely and effective management. In case of infestation of aphids in crops like mustard, fenugreek, cumin, isabgol, do spray of Dimethoate 30 EC @ 1200 ml/ha with water. High temperature may increase the water demand of the rabi crops. Therefore irrigate the crops as and when crops show wilting symptoms and as per need on the basis of critical growth stages. Prepare land and arrange fertilizers & seeds for zaid cultivation of Kakri, Kachri, Guar, cowpea, mungbean.
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Crop	Stage	Details	Agro Advisory
Wheat	Spike and grain formation	Irrigation	In timely sown wheat crop, provide the 5 th irrigation at milking stage (90-95 DAS). In late sown wheat crop, provide the 4 th irrigation at 14-21 days after 3 rd irrigation.
		Termite control	If there is infestation of termite in the wheat crop fields, apply chloropyriphos (20 EC) @ 2400 ml/ha along with irrigation water.
Chick pea	Pod and grain formation	Insect control	The weather conditions may increase the chances of Heliothis infestation in gram. Therefore, regularly watch fields, to diagnose insect pest & disease infestation. To control pod borer in chickpea do spray of monocrotophos 36 S.L. @ 250 ml per bigha.
Mustard	Grain formation and maturity	Insect and disease control	On aphid infestation, spray the mustard crop with malathion 50 EC @ 1200 ml/ha or Dimithoate 30 EC @ 1200 ml/ha along with water. Prevent mustard crop from white rust disease, spray 600 grams of soluble sulfur (80 percent) or 1 ml Dinocap (Kerathen) 30 EC per liter of water.
		Harvesting	To prevent scattering of pods of mustard, crop harvest at physiological maturity stage.
Fenugreek	Grain formation	Irrigation	Provide 3 rd irrigation to fenugreek crop at 110 days after sowing.
Cumin	Grain formation	Disease management	To control blight in cumin apply 2g/ lit. or 500g Mencozeb/bigha, repeat the spray 2-3 times. Where there is attack of wilt in cumin apply 300g Carbendazim/bigha repeat it at an interval of 15 days.
Horticulture		Irrigation	Timely irrigate the horticultural crops.
Livestock		Health management	Adopt preventive measures against mastitis in milch animals. Vaccinate the live stock animals against foot and mouth disease and provide oral dose of medicine against stomach worms.

**Associate Professor and Technical Officer
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