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District: - Bikaner

Dated: 28.10.2025

Weather Forecast and Agromet Advisory

Period 28th October 2025 to 01th November 2025

Weather review of last week: During this period, the maximum temperature ranged between 28.4 to 37.3 °C and the minimum temperature ranged between 14.8 to 23.0°C. During this period, low wind speed observed with RH values of 60% 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 (28.10.2025 to 01.11.2025) clear sky on 28.10.2025 to 01.11.2025. T _{min} will 17.0-18.0°C and the T _{max} is likely to remain between 34.0 and 36.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity. winds will blow from the North-East, East-North-East and West-South-West directions.
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Weather Parameter	Date				
	28.10.2025	29.10.2025	30.10.2025	31.10.2025	01.11.2025
Rainfall (mm)	0	0	0	0	0
Cloud cover	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Temperature Maximum (° C)	34	35	35	35	36
Temperature Minimum (° C)	18	18	18	18	17
Wind direction	ENE	ENE	NE	ENE	WSW
Minimum Relative humidity (%)	19	15	13	14	12
Maximum Relative humidity (%)	53	30	23	22	24
Wind velocity(km/hr)	11	11	7	5	4
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	Avoid foliar spray of chemicals during cloudy weather conditions. Conserve every drop of water and moisture for future. Regularly watch the fields to diagnose insect pest & disease infestation in crops and orchards.		
Crop	Stage	Details	Agro Advisory
Groundnut	Pod filling	Irrigation	Apply irrigation to groundnut crop as and when required.
Mungbean/pearl millet/cluster bean	Maturity	Harvesting	Harvest the mungbean/pearl millet/cluster bean crops at physiological maturity. Protect the harvested crop from rainfall.
Gram/ Taramira/ Mustard	Preparation for sowing	Sowing time, seed rate, seed treatment and varieties	Proper time for sowing of gram, taramira or mustard, use 15-20 kg seed of gram and 1 kg seed of taramira and mustard in a bigha land area. Treat the seed before sowing, in gram 2g Carbendazim/kg seed and in mustard 5g apron 35 SD/kg seed. Important varieties of gram suitable for zone Ic are GNG-2144, GNG-1958, GNG-1581, GNG-1488 for desi gram & GNG-1969, GNG-1499 for Kabuli gram and Giriraj, RGN-73, RGN-229, RH-749, RGN-48, RH-119 for Mustard and RTM-314, RTM-2002 for taramira.
Horticulture	Irrigation & spray		Irrigate date palm, Kinnow, orange and lemon orchards on regular interval. To control fruit fly attack in ber spray of fenvalerate/dimethoate @1 ml/ liter of water at pea stage of ber fruits.
		Nursery preparation	Prepare nursery of tomato and brinjal. Transplant the seedlings of early varieties of cauliflower and late varieties of cabbage.
		Sowing	Appropriate time for sowing of radish, carrot, coriander, spinach etc.
Forage	Cutting		To get more fodder production from the first cutting of berseem, mix the seed of Chinese cabbage or oat at the time of sowing.
Livestock	Food/Nutrition		Prepare and fed protein rich high nutritive urea – molasses bricks
	Health management		De-worming against parasites to the livestock (calves & non pregnant lactating cows). Feed 20 to 50 gram mineral mixture to each milch animal according their body weight to maintain health and to avoid the problems like milk fever and prolepses. Isolate the domestic/mulching animal from lumpy infected stray animals. Isolation, hygiene with better nutrition is good policy for lumpy management.

**Associate Professor and Technical Officer
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