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District: - Bikaner

Dated: 12.08.2025

Weather Forecast and Agromet Advisory

Period 12th August 2025 to 16th August 2025

Weather review of last week: During this period, the maximum temperature ranged between 37.4 to 37.8 °C and the minimum temperature ranged between 26.0 to 27.5°C. During this period, low wind speed observed with RH values of 40% to 70%.	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 (08.08.2025 to 12.08.2025) dense cloudy on 12.08.2025 & 16.08.2025 and overcast on 13.08.2025 to 15.08.2025. Tmin will possibly range between 28.0-29.0°C and the T _{max} is likely to remain between 35.0-36.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the South-South-West, South-West and West-South-West directions.
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Weather Parameter	Date				
	12.08.2025	13.08.2025	14.08.2025	15.08.2025	16.08.2025
Rainfall (mm)	0	0	0	0	0
Cloud cover	Dense Cloudy	Overcast	Overcast	Overcast	Dense Cloudy
Temperature Maximum (° C)	36	35	36	36	35
Temperature Minimum (° C)	28	28	29	29	29
Wind direction	SSW	SSW	SSW	SW	WSW
Minimum Relative humidity (%)	32	34	36	29	32
Maximum Relative humidity (%)	55	60	56	51	46
Wind velocity(km/hr)	27	23	20	19	22
Cumulative rains (mm)	00.00				

Agro Advisory: Based on the weather review of last week and the weather forecast for this week, the following advice is given to the farmer.

Specific advisory	There is no possibility of rains /thunderstorm/ lightning in coming days. Store the grains and commodities kept in the open in the Krishi Upaj Mandies in a safe place so that they can be saved from getting damage. Conserve every drop of water and moisture for future. Apply Gypsum or well decomposed compost along with deep ploughing before sowing reclaim alkali/sodic soils.		
Crop	Stage	Details	Agro Advisory
Groundnut	Branching	Yellowing management	Spray 0.5 percent ferrous sulfate and 0.1 percent citric acid when symptoms of yellowing appear in the standing groundnut crop. Ground application of gypsum 60 kg/bigha as dusting.
		Weed control	In case of weeds in groundnut crop, 35-40 days after sowing or after first irrigation or after rain, one weeding must be done. In standing crop, control grass family weeds at 20-25 days after sowing spray of 1000 ml of quiozalophos ethyl 5 percent EC mix with 500 liters water and make solution for one hectare.
	Pegging	Irrigation	Apply continuous irrigation to keep soil moist for better penetration of pegs.
Cluster bean, Sesame and Moth bean/ Pearl millet	Early vegetative stage	Hoeing & weeding	Do hoeing and weeding at 25-30 days stage in <i>kharif</i> crops for controlling weeds and aeration. If availability of labour is problem and assured irrigation facility is there then spray 50 g a.i. of imazethapyr with 500 liter of water in legumes to control all weeds. In pearl millet crop spray 500 g a.i. of 2, 4-D ester salt to control only broad leaved weeds or 200 g a.i. of atrazine to control all type weeds with 500 liter of water.
Cucurbit Vegetables	Fruiting	Picking	Picking of cucurbits should be done at proper stage. Changes in color of fruit, drying of stalk near fruit, thumping sound etc are important symptoms of ripening of fruits. Do not pick up fruits just after (12-24 hours) after irrigation. Avoid plucking of unripe fruits.
Fodder sorghum	1st cutting	Reduce toxicity of fodder sorghum	Late sown sorghum may be poisonous due 'DHURIN' content which is harmful for animals. Therefore, cut and feed the sorghum to the animals after providing 2-3 irrigations or just after good rains.
Livestock		Food, Nutrition and health	Provide good quality drinking water to animals. Prepare and fed protein rich high nutritive urea – molasses bricks as per the guidance of registered veterinarian

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