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District: - Bikaner

Dated: 22.08.2025

Weather Forecast and Agromet Advisory

Period 22th August 2025 to 26th August 2025

Weather review of last week: During this period, the maximum temperature ranged between 35.8 to 38.4 °C and the minimum temperature ranged between 25.0 to 27.0°C. During this period, low wind speed observed with RH values of 46% to 85%.			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 (22.08.2025 to 26.08.2025) dense cloudy on 22.08.2025 & 24.08.2025 to 25.08.2025 and overcast on 23.08.2025 & 26.08.2025. Tmin will possibly range between 24.0-26.0°C and the T _{max} is likely to remain between 32.0-37.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the North-East, East-North-East and South-South-West directions.				
Weather Parameter			Date				
			22.08.2025	23.08.2025	24.08.2025	25.08.2025	26.08.2025
Rainfall (mm)			3	10	9	1	7
Cloud cover			Dense Cloudy	Overcast	Dense Cloudy	Dense Cloudy	Overcast
Temperature Maximum (° C)			37	35	33	32	34
Temperature Minimum (° C)			26	25	24	25	25
Wind direction			SSW	SSW	ENE	ENE	NE
Minimum Relative humidity (%)			41	40	38	46	57
Maximum Relative humidity (%)			60	63	63	67	74
Wind velocity(km/hr)			17	12	14	24	21
Cumulative rains (mm)			30.00				
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 are possibilities light of rains /thunderstorm/ lightning in scattered areas during 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.			
		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		cutting	irrigation	Irrigate the fodder crops during moisture stress periods			
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			

**Associate Professor and Technical Officer
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