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District: - Bikaner

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Weather Forecast and Agromet Advisory

Period 18th July 2025 to 22th July 2025

Weather review of last week: During this period, the maximum temperature ranged between 29.0 to 36.4 °C and the minimum temperature ranged between 23.8 to 26.0°C. During this period, low wind speed observed with RH values of 70% to 92%.			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 (18.07.2025 to 22.07.2025) overcast on 18.07.2025 to 19.07.2025 & 22.07.2025, partially cloudy on 20.07.2025 and dense cloudy on 21.07.2025. Tmin will possibly range between 26.0-28.0°C and the T _{max} is likely to remain between 33.0-36.0 °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.				
Weather Parameter			Date				
			18.07.2025	19.07.2025	20.07.2025	21.07.2025	22.07.2025
Rainfall (mm)			2	2	0	0	2
Cloud cover			Overcast	Overcast	Partially Cloudy	Dense Cloudy	Overcast
Temperature Maximum (° C)			33	36	35	34	33
Temperature Minimum (° C)			26	27	28	28	27
Wind direction			WSW	WSW	SW	SW	SSW
Minimum Relative humidity (%)			38	37	32	39	52
Maximum Relative humidity (%)			65	61	51	56	64
Wind velocity(km/hr)			11	17	24	32	32
Cumulative rains (mm)			06.00				
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 a possibility of rains /thunderstorm/ lightning at isolated places in coming days. Store the grains and commodities kept in the open in the Krishi Mandies in a safe place so that they can be saved from getting wet. Stay away from trees, poles and water sources during thunder and lightning and take shelter in a safe place. 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 01 percent citric acid when symptoms of yellowing appear in the standing groundnut crop.				
		Weed control	In case of weeds in groundnut crop, 30-40 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.				
Green gram	Preparation for sowing		Optimum time for green gram sowing (SML – 668, MH-421, MH-1142, Varsha (IPM 2K14-9), Shikha (IPM 410-3), RMG-62, RMG-268 and RMG-492 are good varieties) with 4kg seed/bigha.				
Pearl millet	sowing		Sowing time of pearl millet on receiving of monsoon rains. Arrange seed of improved varieties as MPMH 17, RHB 177, RHB 173, HHB 67(i), ICMH 356 etc				
Cluster bean, Sesame and Moth bean	sowing	Varieties and seed rate	Farmers should get ready for showing of Kharif crops with Cluster bean verities RGr-18-1, RGr-12-1, HG-75, RGC-936, RGC-197, RGC-986, RGC-1017, RGC-1002, RGC-1003, RGC-1066, RGC-1031, HG-2-20; Sesame verities RT-46, RT-125,RT-127, RT-346 ,RT-351 and Moth verities RMO-275, RM0-225, RMO-435, RMO-423,RMO-40 and RMO-2251 are suitable for the region. Moth 3kg seed/bigha, Sesame ½ kg seed/bigha, and for branched Cluster bean 4 kg seed/bigha, and 6 kg seed/bigha for single stem cluster bean.				
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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