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District: - Bikaner

Dated: 22.07.2025

Weather Forecast and Agromet Advisory

Period 22th July 2025 to 26th July 2025

Weather review of last week: During this period, the maximum temperature ranged between 31.4 to 34.6 °C and the minimum temperature ranged between 23.8 to 27.5°C. During this period, low wind speed observed with RH values of 60% to 93%.	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 (22.07.2025 to 26.07.2025) partially cloudy on 22.07.2025 to 23.07.2025, clear sky on 24.07.2025, cloudy on 25.07.2025 and dense cloudy on 26.07.2025. Tmin will possibly range between 27.0-29.0°C and the T _{max} is likely to remain between 33.0-35.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the South-South-West and South-West directions.
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Weather Parameter	Date				
	22.07.2025	23.07.2025	24.07.2025	25.07.2025	26.07.2025
Rainfall (mm)	0	0	0	0	0
Cloud cover	Partially Cloudy	Partially Cloudy	Clear Sky	Cloudy	Dense Cloudy
Temperature Maximum (° C)	35	34	34	33	34
Temperature Minimum (° C)	29	29	28	27	27
Wind direction	SW	SW	SW	SSW	SW
Minimum Relative humidity (%)	36	36	33	31	31
Maximum Relative humidity (%)	57	62	61	63	63
Wind velocity(km/hr)	28	27	24	23	25
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 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. Ground application of gypsum 60 kg/bigha as dusting.	
		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.	
Cluster bean, Sesame, Moth bean, Green Gram, Pearl millet	Vegetative	Insect Control	For control of Red hair caterpillar apply 6 kg quinalphos/ bigha as powder or 2 ml quinalphos /l of water as liquid.	
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 varieties 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 varieties RT-46, RT-125, RT-127, RT-346 ,RT-351 and Moth varieties RMO-275, RMO-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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