



**Gramin Krishi Mausam Sewa
Agricultural Research Station
SK Rajasthan Agricultural University
Bikaner 334 006**
Phone 0151 2250018, 0151 2250570
Email: arsagrometbikaner@gmail.com



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District: - Bikaner

Dated: 01.09.2025

Weather Forecast and Agromet Advisory Period 01th September 2025 to 05th September 2025

Weather review of last week: During this period, the maximum temperature ranged between 32.0 to 37.4 °C and the minimum temperature ranged between 21.8 to 25.8°C. During this period, low wind speed observed with RH values of 52% to 90%.

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 (01.09.2025 to 05.09.2025) cloudy on 01.09.2025 to 02.09.2025, dense cloudy on 03.09.2025 and overcast on 04.09.2025 to 05.09.2025. Tmin will possibly range between 24.0-27.0°C and the T_{max} is likely to remain between 32.0-36.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the North-North-East, North-East and East-North-East directions.

Weather Parameter	Date				
	01.09.2025	02.09.2025	03.09.2025	04.09.2025	05.09.2025
Rainfall (mm)	4	2	2	4	4
Cloud cover	Cloudy	Cloudy	Dense Cloudy	Overcast	Overcast
Temperature Maximum (° C)	32	33	34	35	36
Temperature Minimum (° C)	24	25	26	27	27
Wind direction	NNE	NE	ENE	ENE	ENE
Minimum Relative humidity (%)	42	41	40	45	47
Maximum Relative humidity (%)	70	70	72	64	67
Wind velocity(km/hr)	13	18	19	21	20
Cumulative rains (mm)	16.00				

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 Avoid foliar spray of chemicals during dense weather conditions and possibilities of rains. Conserve every drop of water and moisture for future. Prevailing and forecasted weather conditions may increase the chances of disease and insect attack in the standing kharif crops. Therefore, regularly watch the fields to diagnose insect pest & disease infestation in crops and orchards. Inter culture operations in all crops to conserve moisture, better aeration and to control weeds. For the control of sucking pests (jassids, white fly, thripsetc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 litre water. Apply remaining dose of nitrogen in standing cotton, bajra and fodder crops with rains.

Crop	Stage	Details	Agro Advisory
Groundnut	Branching/ Pegging	Yellowing management	Spray 0.5 percent ferrous sulphate 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.
		Disease management	Prevailing and forecasted weather conditions may increase the chances of tikka disease in groundnut. Therefore, farmers are advised to spray of Mencozeb or Chlorothalonil @ 2 gram per litre of water.
		Irrigation	Maintenance of moisture is an essential activity.
Guar	Vegetative	Disease management	These weather conditions may also increase the chances of bacterial leaf blight in guar crop. Farmers are advised to spray 2.5 g Streptocycline along with 30 g Copper oxychloride / 10 litre water. Repeat the spray if required.
All crops	Vegetative/reproductive	Irrigation	Looking the probabilities of rain fall farmers should stop irrigating crops.
		Nitrogen/nutrient application	Looking the probabilities of rain fall farmers should get ready with their inputs to apply with or during rainfall.
Horticulture	Planting	Planting and irrigation	For planting new Kinnow orchards dig pits of 1m x 1m x 1m and remain open for at least 1 20 days at a distance of 6m x 6m. Irrigate date palm, Kinnow, orange and lemon orchards on regular interval.
Livestock		Food and Nutrition	Prepare and fed protein rich high nutritive urea – molasses bricks as per the guidance of registered veterinarian
		Diseases	Looking the weather condition vaccinate the domestic animal against Foot and Mouth Disease, Black Quarter and Hemorrhagic Septicemia

**Associate Professor and Technical Officer
Gramin Krishi Mausam Sewa**

**Zonal Director Research and
Nodal Officer - Gramin Krishi Mausam Sewa**