



**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

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Weather Forecast and Agromet Advisory
Period 03th September 2024 to 07th September 2024

<p>Weather review of last week: During this period, the maximum temperature ranged between 36.0 to 36.8 °C and the minimum temperature ranged between 24.0 to 25.0°C. During this period, low wind speed observed with RH values of 91 % to 99%.</p>	<p>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 (03.09.2024 to 07.09.2024) overcast on 03.09.2024 & 05.09.2024 to 07.09.2024 and cloudy on 04.09.2024. T_{min} will possibly range between 26.0-28.0°C and the T_{max} is likely to remain between 36.0-38.0 °C. During this period, high wind velocity is likely to blow from then East-South-East, West-South-West and North-West directions.</p>
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Weather Parameter	Date				
	03.09.2024	04.09.2024	05.09.2024	06.09.2024	07.09.2024
Rainfall (mm)	24	4	2	12	2
Cloud cover	Overcast	Cloudy	Overcast	Overcast	Overcast
Temperature Maximum (° C)	37	36	37	38	38
Temperature Minimum (° C)	26	27	27	28	28
Wind direction	WSW	WSW	WSW	ESE	NW
Minimum Relative humidity (%)	49	49	48	48	45
Maximum Relative humidity (%)	81	80	81	82	82
Wind velocity(km/hr)	6	8	7	8	6
Cumulative rains (mm)	44.00				

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 Conserve every drop of water and moisture for future.
Inter culture operations in all crops to conserve moisture, better aeration and to control weeds.
For the control of sucking pests (jassids, white fly, thrips etc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 litre water.

Crop	Stage	Details	Agro Advisory
Groundnut	Pegging & Pod formation	Insect Control	In groundnut for the management of leaf eating caterpillar spray of Indoxacarb 14.5 SC @ 0.8 ml/lit or Emamectin benzoate 5 SG @ 0.5 gm/lit of water found effective.
		Disease management	Prevailing and forecasted weather conditions may increase the chances of tikka disease in groundnut. Therefore, farmers are advised to spray of Mencozeb @ 2 gram per litre of water.
Guar	Vegetative & Branching	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.
Green gram/ Moth bean	Flowering & becoming pods	Insect Control	To control jassid and thrips in greengram/mothbean crops, spray of dimethoate (30 EC) @ 2.5 ml/liter of water.
Sesame	Flowering	Insect Control	In case of infestation of caterpillar infestation in crop, spray of Indoxacab 14.5 SC 1 ml or Emamectin Benzoate 5 SG at the rate of 0.5 gram per liter of water.
Horticulture	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.

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

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