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District: - Bikaner

Dated: 29.09.2025

Weather Forecast and Agromet Advisory

Period 29th September 2025 to 03th October 2025

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|---|--|
| Weather review of last week: During this period, the maximum temperature ranged between 30.4 to 33.9 °C and the minimum temperature ranged between 21.8 to 25.8°C. During this period, low wind speed observed with RH values of 60% to 95%. | 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 (29.09.2025 to 03.10.2025) partially cloudy on 29.09.2025, clear sky on 30.09.2025, overcast on 01.10.2025 to 02.10.2025 and dense cloudy on 03.10.2025. T _{min} will 27.0-29.0°C and the T _{max} is likely to remain between 37.0 and 38.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity. Winds will blow from the East, East-South-East and South-East directions. |
|---|--|

| Weather Parameter | Date | | | | |
|-------------------------------|------------------|------------|------------|------------|--------------|
| | 29.09.2025 | 30.09.2025 | 01.10.2025 | 02.10.2025 | 03.10.2025 |
| Rainfall (mm) | 0 | 0 | 0 | 2 | 0 |
| Cloud cover | Partially Cloudy | Clear sky | Overcast | Overcast | Dense Cloudy |
| Temperature Maximum (° C) | 38 | 38 | 38 | 37 | 37 |
| Temperature Minimum (° C) | 29 | 29 | 28 | 28 | 27 |
| Wind direction | SE | SE | SE | E | ESE |
| Minimum Relative humidity (%) | 26 | 22 | 41 | 30 | 23 |
| Maximum Relative humidity (%) | 50 | 56 | 58 | 59 | 53 |
| Wind velocity(km/hr) | 12 | 15 | 12 | 10 | 12 |
| Cumulative rains (mm) | 02.00 | | | | |

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.

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| Specific advisory | Avoid foliar spray of chemicals during cloudy weather conditions. Conserve every drop of water and moisture for future. Regularly watch the fields to diagnose insect pest & disease infestation in crops and orchards. For the control of sucking pests (jassids, white fly, thrips etc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 litre water. |
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| Crop | Stage | Details | Agro Advisory |
|----------------|--------------------|-----------------------------|--|
| Groundnut | Branching/ Pegging | Yellowing management | Spray 0.5 per cent ferrous sulphate and 0.1 percent citric acid when symptoms of yellowing appear in the standing groundnut crop. |
| | | 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 grams per litre of water. |
| | | Irrigation | Maintenance of moisture is an essential activity. |
| All crops | Reproductive | Irrigation | Looking the dry spell period irrigate crops at grain formation stage. |
| Moth/mung bean | Maturity | Harvesting | Harvest the timely sown moth bean and mung bean crops at physiological maturity. |
| Gram/tameera | Sowing | peta sowing | Appropriate time for sowing of gram and tameera in the fellow fields on conserved moisture basis. |
| Horticulture | Planting | Planting and irrigation | For planting new Kinnow and ber orchards dig pits of 1m x 1m x 1m and remain open for at least 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
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