



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



**Ref. No.F(2)/Agromet/25**

**Dated: 05.08.2025**

**District: - Bikaner**

### Weather Forecast and Agromet Advisory

Period 05<sup>th</sup> August 2025 to 09<sup>th</sup> August 2025

<b>Weather review of last week:</b> During this period, the maximum temperature ranged between 30.4 to 36.7 °C and the minimum temperature ranged between 24.8 to 26.3°C. During this period, low wind speed observed with RH values of 45% to 91%.	<b>Weather forecast for the coming week:</b> 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 (05.08.2025 to 09.08.2025) partially cloudy on 05.08.2025 & 07.08.2025, clear sky on 06.08.2025 and overcast on 08.08.2025 to 09.08.2025. Tmin will possibly range between 27.0-29.0°C and the T <sub>max</sub> is likely to remain between 37.0-39.0 °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				
	05.08.2025	06.08.2025	07.08.2025	08.08.2025	09.08.2025
Rainfall (mm)	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>14</b>
Cloud cover	Partially Cloudy	Clear sky	Partially Cloudy	Overcast	Overcast
Temperature Maximum (° C)	<b>37</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>37</b>
Temperature Minimum (° C)	<b>28</b>	<b>28</b>	<b>27</b>	<b>28</b>	<b>29</b>
Wind direction	SSW	SW	SSW	SSW	SW
Minimum Relative humidity (%)	<b>32</b>	<b>30</b>	<b>29</b>	<b>38</b>	<b>38</b>
Maximum Relative humidity (%)	<b>60</b>	<b>59</b>	<b>58</b>	<b>58</b>	<b>63</b>
Wind velocity(km/hr)	<b>26</b>	<b>24</b>	<b>24</b>	<b>22</b>	<b>18</b>
Cumulative rains (mm)	<b>15.00</b>				

**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.

<b>Specific advisory</b>	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.
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Crop	Stage	Details	Agro Advisory
Groundnut	Branching	<b>Yellowing management</b>	Spray 0.5 percent ferrous sulfate 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.
		Weed control	In case of weeds in groundnut crop, 35-40 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.
	Pegging	Irrigation	Apply continuous irrigation to keep soil moist for better penetration of pegs.
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.
Cluster bean, Sesame and Moth bean/ Pearl millet	Early vegetative stage	Hoeing & weeding	Do hoeing and weeding at 25-30 days stage in <i>kharif</i> crops for controlling weeds and aeration. If availability of labour is problem and assured irrigation facility is there then spray 50 g a.i. of imazethapyr with 500 liter of water in legumes to control all weeds. In pearl millet crop spray 500 g a.i. of 2, 4-D ester salt to control only broad leaved weeds or 200 g a.i. of atrazine to control all type weeds with 500 liter of water.
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

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

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