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

**District: - Bikaner**

**Dated: 19.08.2025**

### **Weather Forecast and Agromet Advisory**

Period 19<sup>th</sup> August 2025 to 23<sup>th</sup> August 2025

**Weather review of last week:** During this period, the maximum temperature ranged between 35.9 to 39.4 °C and the minimum temperature ranged between 25.8 to 27.8°C. During this period, low wind speed observed with RH values of 46% to 70%.

**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 (19.08.2025 to 23.08.2025) partially cloudy on 19.08.2025 to 22.08.2025 and cloudy on 23.08.2025. Tmin will possibly range between 27.0-29.0°C and the T<sub>max</sub> is likely to remain between 35.0-40.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the East, East-South-East, South, and South-South-West directions.

Weather Parameter	Date				
	19.08.2025	20.08.2025	21.08.2025	22.08.2025	23.08.2025
Rainfall (mm)	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>
Cloud cover	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Cloudy
Temperature Maximum (° C)	<b>39</b>	<b>40</b>	<b>39</b>	<b>37</b>	<b>35</b>
Temperature Minimum (° C)	<b>29</b>	<b>29</b>	<b>27</b>	<b>27</b>	<b>28</b>
Wind direction	E	ESE	S	SSW	SSW
Minimum Relative humidity (%)	<b>31</b>	<b>36</b>	<b>45</b>	<b>47</b>	<b>46</b>
Maximum Relative humidity (%)	<b>50</b>	<b>51</b>	<b>62</b>	<b>65</b>	<b>67</b>
Wind velocity(km/hr)	<b>19</b>	<b>21</b>	<b>23</b>	<b>25</b>	<b>21</b>
Cumulative rains (mm)	<b>04.00</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 are possibilities light of rains /thunderstorm/ lightning in scattered areas during coming days. Store the grains and commodities kept in the open in the Krishi Upaj Mandies in a safe place so that they can be saved from getting damage. 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.		
<b>Crop</b>	<b>Stage</b>	<b>Details</b>	<b>Agro Advisory</b>
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.
	Pegging	Irrigation	<b>Apply continuous irrigation to keep soil moist for better penetration of pegs.</b>
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	cutting	irrigation	Irrigate the fodder crops during moisture stress periods
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  
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