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**Ref. No.F.(2)/Agromet/26**

**Dated: 19.05.2026**

**District: - Bikaner**

### Weather Forecast and Agromet Advisory

Period 19<sup>th</sup> May 2026 to 23<sup>th</sup> May 2026

<b>Weather review of last week:</b> During this period, the maximum temperature ranged between 41.8 to 46.3 °C and the minimum temperature ranged between 24.3 to 27.5°C. During this period, low wind speed observed with RH values of 58% to 65%.	<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 (19.05.2026 to 23.05.2026) dense cloudy on 19.05.2026, cloudy on 20.05.2026 to 22.05.2026 and partially cloudy on 23.05.2026. T <sub>min</sub> will 29.0-30.0°C and the T <sub>max</sub> is likely to remain between 45.0-46.0 °C. During this period low to moderate wind velocity is likely to blow coupled with low relative humidity. Winds will blow from West and West-North-West directions.
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Weather Parameter	Date				
	19.05.2026	20.05.2026	21.05.2026	22.05.2026	23.05.2026
Rainfall (mm)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cloud cover	Dense Cloudy	Cloudy	Cloudy	Cloudy	Partially Cloudy
Temperature Maximum (° C)	<b>46</b>	<b>46</b>	<b>45</b>	<b>45</b>	<b>46</b>
Temperature Minimum (° C)	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>30</b>
Wind direction	WNW	W	W	W	W
Maximum Relative humidity (%)	<b>21</b>	<b>23</b>	<b>21</b>	<b>19</b>	<b>22</b>
Minimum Relative humidity (%)	<b>8</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>9</b>
Wind velocity(km/hr)	<b>3</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>5</b>
Cumulative rains (mm)	<b>00.00</b>				

**Agro Advisory:** Based on the weather review of last week and the weather forecast for this week, the following advices are for the farmers.

<b>Specific advisory</b>	<ul style="list-style-type: none"> <li>• <b>Avoid exposure to extreme heat and stay in shaded places as much as possible.</b></li> <li>• <b>Drink plenty of water to prevent dehydration.</b></li> <li>• <b>Consume ORS and homemade drinks such as lassi, lemonade, etc., to keep yourself hydrated.</b></li> <li>• <b>Farmers are advised to take proper measures to protect livestock from heat stress and to irrigate crops regularly during the morning or evening hours.</b></li> <li>• <b>Necessary steps should also be taken to protect animals, birds, and other living beings from heat waves.</b></li> <li>• <b>Irrigate the fodder and Zaid crops as and when crops show wilting symptoms and as per need on the basis of critical growth stages.</b></li> </ul>
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Crop	Stage	Details	Agro Advisory
Bt Cotton	Preparation for sowing	Sowing time, varieties, seed rate and crop geometry	Optimum sowing time of Bt. cotton is 1st May to 20th May. But by sowing between April 15 and May 15, the attack of pink bollworm in the crop can be reduced. Sowing on the periphery of the cotton field non B.T. of the same variety. Hybrid (refugia) must be sown. Use seed rate of B.T. cotton at 450 grams per bigha. Keep row to row 108 cm and plant to plant distance 60 cm.
American cotton	Preparation for sowing	Field preparation, sowing time and seed rate	The sowing time of American cotton will start from first week of May. For field preparation one deep ploughing should be done by MB plough and 2-3 ploughing should be done by cultivator and use 30-35 qt FYM per bigha during the field preparation. 4 kg seed per bigha is suitable for sowing of american cotton.
Horticulture		Irrigation	Timely irrigate the horticultural fruit crops such as date palm, Kinnow, orange and lemon and vegetable crops such as kakari, water melon, musk melon, tinda and tomato
Ber		Pruning	Start pruning operation in Ber and it should be completed by end of May. It is most essential operation in Ber as flowering and fruiting takes place only on the new growth branches.
Cucurbit Vegetables	Fruiting	Insect control	For control of fruit fly in cucurbits like Water melon, muskmelon and Kakari, do spray of malathion 50 EC @ 1 ml/lit of water.
Forage management	Grand Growth		Frequently irrigate the fodder crops for better yields.
Livestock		Health management	Adopt preventive measures against mastitis in milch animals. Provide oral dose of medicine against stomach worms. <b>Protect the animals from heat waves. Provide good quality drinking water to animals. Looking high wind speed keep yourself and animals away from old/decayed shelters, trees and walls.</b>

**Associate Professor and Technical Officer  
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