



**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/24**

**District: - Bikaner**

**Dated:20.09.2024**

**Weather Forecast and Agromet Advisory**  
Period 20<sup>th</sup> September 2024 to 24<sup>th</sup> September 2024

<b>Weather review of last week:</b> During this period, the maximum temperature ranged between 31.0 to 36.0 °C and the minimum temperature ranged between 20.5 to 22.5°C. During this period, low wind speed observed with RH values of 96 % to 97%.	<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 (20.09.2024 to 24.09.2024) partially cloudy on 20.09.2024 to 21.09.2024 & 23.09.2024 and clear sky on 22.09.2024 & 24.09.2024. T <sub>min</sub> will possibly range between 26.0-29.0°C and the T <sub>max</sub> is likely to remain between 34.0-41.0 °C. During this period, high wind velocity is likely to blow from then East-South-East, South-South-East, South-West, West-South-West and West directions.
--	---

Weather Parameter	Date				
	20.09.2024	21.09.2024	22.09.2024	23.09.2024	24.09.2024
Rainfall (mm)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cloud cover	Partially Cloudy	Partially Cloudy	Clear sky	Partially Cloudy	Clear sky
Temperature Maximum (° C)	<b>34</b>	<b>36</b>	<b>39</b>	<b>40</b>	<b>41</b>
Temperature Minimum (° C)	<b>26</b>	<b>27</b>	<b>27</b>	<b>28</b>	<b>29</b>
Wind direction	ESE	SSE	SW	WSW	W
Minimum Relative humidity (%)	<b>28</b>	<b>23</b>	<b>19</b>	<b>19</b>	<b>17</b>
Maximum Relative humidity (%)	<b>55</b>	<b>44</b>	<b>40</b>	<b>38</b>	<b>38</b>
Wind velocity(km/hr)	<b>10</b>	<b>11</b>	<b>14</b>	<b>19</b>	<b>18</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 advice is given to the farmer.

**Specific advisory** Conserve every drop of water and moisture for future.  
For the control of sucking pests (jassids, white fly, thrips etc) in guar and mung bean, spray acetamiprid or thiamethoxam @ 5 g/15 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	On occurrence of fungal disease in clusterbean farmers are advised to spray hexaconazole 5 EC 1ml/litre water.
Green gram/ Moth bean/ Guar	Flowering & becoming pods	Insect Control	To control jassid and thrips in greengram/mothbean/ guar 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.

**Special advisory** **Washing powder or other additive must be added in standing crop sprays.**

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