



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



Ref. No.F.(2)/Agromet/24

Dated:06.08.2024

District: - Bikaner

Weather Forecast and Agromet Advisory

Period 06th August 2024 to 10th August 2024

<p>Weather review of last week: During this period the maximum temperature ranged between 29.5 to 36.3 °C and the minimum temperature ranged between 23.8 to 26.6°C. During this period, low wind speed observed with RH values of 74 % to 98%.</p>	<p>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 (06.08.2024 to 10.08.2024) overcast on 06.08.2024 to 10.08.2024. T_{min} will possibly range between 24.0-25.0°C and the T_{max} is likely to remain between 32.0-34.0 °C. During this period, high wind velocity is likely to blow from then West-South-West and West directions.</p>
--	---

Weather Parameter	Date				
	06.08.2024	07.08.2024	08.08.2024	09.08.2024	10.08.2024
Rainfall (mm)	24	12	14	14	12
Cloud cover	Overcast	Overcast	Overcast	Overcast	Overcast
Temperature Maximum (° C)	32	32	33	34	34
Temperature Minimum (° C)	25	24	25	25	25
Wind direction	W	WSW	WSW	WSW	WSW
Minimum Relative humidity (%)	84	86	69	72	75
Maximum Relative humidity (%)	92	95	92	94	93
Wind velocity(km/hr)	18	19	16	20	18
Cumulative rains (mm)	76.00				

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.

Specific advisory	<p>Conserve every drop of water and moisture for future.</p> <p>Prevailing and forecasted weather conditions may increase the chances of disease and insect attack in the standing kharif crops. Therefore, regularly watch the fields to diagnose insect pest & disease infestation in crops and orchards</p> <p>Inter culture operations in all crops to conserve moisture, better aeration and to control weeds.</p> <p>For the control of sucking pests (jassids, white fly, thripsetc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 litre water.</p>
--------------------------	---

Crop	Stage	Details	Agro Advisory
Groundnut	Branching	Yellowing management	Spray 0.5 percent ferrous sulphate and 01 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 gram per litre of water.
		Weed control	In case of weeds in groundnut crop, 30-40 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.
Guar	Vegetative	Disease management	These weather conditions may also increase the chances of bacterial leaf blight in guar crop. Farmers are advised to spray 2.5 g Streptocycline along with 30 g Copper oxychloride / 10 litre water. Repeat the spray if required.
Horticulture		Planting and irrigation	For planting new Kinnow 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

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

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