



**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
District: - Bikaner

Dated:09.07.2024

Weather Forecast and Agromet Advisory

Period 09th July 2024 to 13th July 2024

Weather review of last week: During this period the maximum temperature ranged between 41.3 to 42.3 °C and the minimum temperature ranged between 23.3 to 29.5°C. During this period, low wind speed observed with RH values of 35 % to 69%.	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 (09.07.2024 to 13.07.2024) clear sky on 09.07.2024, partially cloudy on 10.07.2024 & 13.07.2024, cloudy on 11.07.2024 and overcast on 12.07.2024. T _{min} will possibly range between 29.0-30.0°C and the T _{max} is likely to remain between 39.0-41.0 °C. During this period, high wind velocity is likely to blow from then South-South-West, South-West and West-South-West directions.
---	---

Weather Parameter	Date				
	09.07.2024	10.07.2024	11.07.2024	12.07.2024	13.07.2024
Rainfall (mm)	0	0	0	0	0
Cloud cover	Clear Sky	Partially Cloudy	Cloudy	Overcast	Partially Cloudy
Temperature Maximum (° C)	40	41	40	40	39
Temperature Minimum (° C)	29	30	30	30	29
Wind direction	WSW	SW	SSW	SSW	SW
Minimum Relative humidity (%)	21	26	36	35	28
Maximum Relative humidity (%)	42	46	59	61	58
Wind velocity(km/hr)	12	34	33	22	21
Cumulative rains (mm)	00.00				

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	Conserve every drop of water and moisture for future. For the sowing of Kharif crops, keep arrangements for agricultural machinery, fertilizers, seeds, etc.		
Crop	Stage	Details	Agro Advisory
Groundnut	Branching	Yellowing management	Spray 0.5 percent ferrous sulfate and 01 percent citric acid when symptoms of yellowing appear in the standing groundnut crop.
		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.
Green gram			Second fortnight of June is optimum time for green gram sowing (SML – 668, MUM-2, RMG-62, RMG-268, K-851 and RMG-492 are good varieties) with 4kg seed/bigha.
Pearl millet	Preparation for sowing		Prepare for sowing of Rainfed pearl millet on receiving of monsoon rains. Arrange seed of improved varieties as MPMH 17, RHB 177, RHB 173, HHB 67(i), ICMH 356 etc
Cluster bean, Sesame and Moth bean	Preparation for sowing	Varieties and seed rate	Farmers should get ready for showing of Kharif crops with Cluster bean varieties HG-75, RGC-936, RGC-197, RGC-986, RGC-1017, RGC-1002, RGC-1003, RGC-1066, RGC-1031, HG-2-20; Sesame varieties RT-46, RT-125, RT-127, RT-346, RT-351 and Moth varieties RMO-275, RMO-225, RMO-435, RMO-423, RMO-40 and RMO-2251 are suitable for the region. Moth 3kg seed/bigha, Sesame ½ kg seed/bigha, and for branched Cluster bean 4 kg seed/bigha, and 6 kg seed/bigha for single stem cluster bean.
Forage crops			Top dressing of urea in forage crops can be done in case of rains.
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.
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

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

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