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District: - Bikaner

Dated:23.09.2024

Weather Forecast and Agromet Advisory
Period 23th September 2024 to 27th September 2024

Weather review of last week: During this period, the maximum temperature ranged between 34.4 to 38.7 °C and the minimum temperature ranged between 22.0 to 25.0°C. During this period, low wind speed observed with RH values of 94 % to 99%.	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 (23.09.2024 to 27.09.2024) partially cloudy on 23.09.2024 to 25.09.2024 & 27.09.2024 and overcast on 26.09.2024. T _{min} will possibly range between 28.0-30.0°C and the T _{max} is likely to remain between 36.0-41.0 °C. During this period, high wind velocity is likely to blow from then East, East-South-East, South-South-East, South and South-West directions.
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Weather Parameter	Date				
	23.09.2024	24.09.2024	25.09.2024	26.09.2024	27.09.2024
Rainfall (mm)	0	0	0	0	0
Cloud cover	Partially Cloudy	Partially Cloudy	Partially Cloudy	Overcast	Partially Cloudy
Temperature Maximum (° C)	40	41	40	38	36
Temperature Minimum (° C)	29	30	29	29	28
Wind direction	SW	S	SSE	ESE	E
Minimum Relative humidity (%)	17	16	24	30	31
Maximum Relative humidity (%)	36	34	42	52	65
Wind velocity(km/hr)	8	10	22	19	16
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 control of sucking pests (jassids, white fly, thrips etc) in guar spray acetamiprid or thiamethoxam @ 5 g/15 litre water.
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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	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	Irrigation	Irrigate date palm, Kinnow, orange and lemon orchards on regular interval.	
Milch animal	Feeding	Feed 20 to 50 gram mineral mixture to each milch animal according their body weight to maintain health and to avoid the problems like milk fever and prolapse.	

Associate Professor and Technical Officer
Gramin Krishi Mausam Sewa

Zonal Director Research and
Nodal Officer - Gramin Krishi Mausam Sewa