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District: - Bikaner

Dated:17.09.2024

Weather Forecast and Agromet Advisory
Period 17th September 2024 to 21th September 2024

Weather review of last week: During this period, the maximum temperature ranged between 33.4 to 35.8 °C and the minimum temperature ranged between 22.5 to 25.5°C. During this period, low wind speed observed with RH values of 97 % to 98%.	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 (17.09.2024 to 21.09.2024) clear sky on 17.09.2024 to 19.09.2024, partially cloudy on 20.09.2024 and dense cloudy on 21.09.2024. T _{min} will possibly range between 24.0-26.0°C and the T _{max} is likely to remain between 37.0-40.0 °C. During this period, high wind velocity is likely to blow from then North-North-East, East, South-South-East, South-South-West and West-South-West directions.
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Weather Parameter	Date				
	17.09.2024	18.09.2024	19.09.2024	20.09.2024	21.09.2024
Rainfall (mm)	0	0	0	0	0
Cloud cover	Clear sky	Clear sky	Clear sky	Partially Cloudy	Dense Cloudy
Temperature Maximum (° C)	38	40	37	38	40
Temperature Minimum (° C)	26	24	24	25	26
Wind direction	NNE	E	SSE	SSW	WSW
Minimum Relative humidity (%)	20	26	21	19	16
Maximum Relative humidity (%)	31	58	50	43	43
Wind velocity(km/hr)	17	11	8	12	20
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 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 20 days at a distance of 6m x 6m. Irrigate date palm, Kinnow, orange and lemon orchards on regular interval.
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Associate Professor and Technical Officer
Gramin Krishi Mausam Sewa

Zonal Director Research and
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