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**Ref. No.F.(2)/Agromet/24**  
**District: - Bikaner**

**Dated:27.09.2024**

**Weather Forecast and Agromet Advisory**

Period 27<sup>th</sup> September 2024 to 01<sup>st</sup> October 2024

<b>Weather review of last week:</b> 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%.	<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 (27.09.2024 to 01.10.2024) dense cloudy on 27.09.2024 to 28.09.2024, cloudy on 29.09.2024, partially cloudy on 30.09.2024 and clear sky on 01.10.2024. T <sub>min</sub> will possibly range between 29.0-30.0°C and the T <sub>max</sub> is likely to remain between 39.0-41.0 °C. During this period, high wind velocity is likely to blow from then South, South-South-West, West-South-West and West directions.
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Weather Parameter	Date				
	27.09.2024	28.09.2024	29.09.2024	30.09.2024	01.10.2024
Rainfall (mm)	0	0	1	0	0
Cloud cover	Dense Cloudy	Dense Cloudy	Cloudy	Partially Cloudy	Clear sky
Temperature Maximum (° C)	40	39	39	40	41
Temperature Minimum (° C)	29	29	29	29	30
Wind direction	SSW	S	WSW	WSW	W
Minimum Relative humidity (%)	88	82	76	74	7
Maximum Relative humidity (%)	56	50	50	49	33
Wind velocity(km/hr)	4	8	13	10	20
Cumulative rains (mm)	01.00				

**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.

<b>Specific advisory</b>	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.
Moth/mung bean	Maturity	Harvesting	Harvest mothbean and mungbean crop at physiological maturity stage prior to shattering losses.

**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**  
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