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

**District: - Bikaner**

**Dated:06.09.2024**

### Weather Forecast and Agromet Advisory

Period 06<sup>th</sup> September 2024 to 10<sup>th</sup> September 2024

<b>Weather review of last week:</b> During this period, the maximum temperature ranged between 31.6 to 34.8 °C and the minimum temperature ranged between 20.5 to 24.9°C. During this period, low wind speed observed with RH values of 91 % 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 (06.09.2024 to 10.09.2024) overcast on 06.09.2024 & 10.09.2024, dense cloudy on 07.09.2024, clear sky on 08.09.2024 and partially cloudy on 09.09.2024. T <sub>min</sub> will possibly range between 25.0-26.0°C and the T <sub>max</sub> is likely to remain between 32.0-34.0 °C. During this period, high wind velocity is likely to blow from then South, South-South-West, West-North-West and North-West directions.
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Weather Parameter	Date				
	06.09.2024	07.09.2024	08.09.2024	09.09.2024	10.09.2024
Rainfall (mm)	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
Cloud cover	Overcast	Dense Cloudy	Clear sky	Partially Cloudy	Overcast
Temperature Maximum (° C)	<b>32</b>	<b>33</b>	<b>34</b>	<b>33</b>	<b>33</b>
Temperature Minimum (° C)	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>25</b>
Wind direction	S	SSW	WNW	NW	WNW
Minimum Relative humidity (%)	<b>63</b>	<b>49</b>	<b>48</b>	<b>47</b>	<b>45</b>
Maximum Relative humidity (%)	<b>88</b>	<b>86</b>	<b>79</b>	<b>70</b>	<b>67</b>
Wind velocity(km/hr)	<b>13</b>	<b>10</b>	<b>8</b>	<b>12</b>	<b>8</b>
Cumulative rains (mm)	<b>02.00</b>				

**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.  
Inter culture operations in all crops to conserve moisture, better aeration and to control weeds.  
For the control of sucking pests (jassids, white fly, thrips etc) in guar and pulses, spray acetamiprid or thiamethoxam @ 3 g/10 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	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.
Green gram/ Moth bean	Flowering & becoming pods	Insect Control	To control jassid and thrips in greengram/mothbean 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.
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.

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

**Zonal Director Research and  
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