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

**District: - Bikaner**

**Dated:15.03.2024**

### **Weather Forecast and Agromet Advisory**

Period 15<sup>th</sup> March 2024 to 19<sup>th</sup> March 2024

<b>Weather review of last week:</b> During this period the maximum temperature ranged between 30.5 to 31.0 °C and the minimum temperature ranged between 10.3 to 15.6°C. During this period, low wind speed observed with RH values of 20 % to 83%.	<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 (15.03.2024 to 19.03.2024) Dense cloudy on 15.03.2024, cloudy on 16.03.2024 & 18.03.2024, clear sky on 17.03.2024 and partially cloudy 19.03.2024. T <sub>min</sub> will possibly range between 17.0-18.0°C and the T <sub>max</sub> is likely to remain between 30.0-33.0 °C. During this period, high winds velocity are likely to blow from the North, North-North-East, North-East and East-North-East directions.
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Weather Parameter	Date				
	15.03.2024	16.03.2024	17.03.2024	18.03.2024	19.03.2024
Rainfall (mm)	0	0	0	0	0
Cloud cover	Dense Cloudy	Cloudy	Clear Sky	Cloudy	Partially Cloudy
Temperature Maximum (° C)	30	31	32	32	33
Temperature Minimum (° C)	17	17	18	17	18
Wind direction	NE	NNE	NNE	N	ENE
Maximum Relative humidity (%)	21	17	16	17	17
Minimum Relative humidity (%)	8	8	9	9	8
Wind velocity(km/hr)	12	15	9	10	10
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.

<b>Specifications</b>	High temperature may increase the water demand of the <i>rabi</i> crops. Therefore irrigate the crops as and when crops show wilting symptoms and as per need on the basis of critical growth stages. Prepare land, arrange fertilizers & seeds and sowing of Kakri, Kachri, Guar, cowpea, mungbean crops.
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Crop	Stage	Details	Agro Advisory
Wheat	grain formation	Irrigation	In timely sown wheat crop, provide the 6 <sup>th</sup> irrigation at grain ripening stage (105-110 DAS). In late sown wheat crop, provide the 5 <sup>th</sup> irrigation at 14-21 days after 4 <sup>rd</sup> irrigation.
		Terminal heat management	To avoid the damage caused by terminal heat in case of sudden rise in temperature, sprays of potassium chloride 0.2 per cent at heading stage may reduce the losses.
Chick pea	Grain development	Insect control	In late sown chickpea crop, to control pod borer do spray of Indoxacarb 200 ml or Emmamectin benzoate @ 100 gram per hectare along with water.
Mustard	Maturity	Harvesting	To prevent scattering of pods of mustard, crop harvest at physiological maturity stage.
Fenugreek	Seed development and maturity	Irrigation	Provide irrigation to late sown fenugreek crop.
		Harvesting	In timely sown fenugreek crop, to prevent scattering of pods crop harvest timely.
Horticulture		Irrigation	Timely irrigate the horticultural crops.
Livestock		Health management	Adopt preventive measures against mastitis in milch animals. Vaccinate the livestock animals against foot and mouth disease and provide oral dose of medicine against stomach worms Provide good quality drinking water to animals.

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

**Zonal Director Research and  
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