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District: - Bikaner

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Weather Forecast and Agromet Advisory

Period 13th April 2023 to 17th April 2023

Weather review of last week: During this period the maximum temperature ranged between 37.8 to 38.0 ° C and the minimum temperature ranged between 20.7 to 22.2 ° C. During this period, low wind speed observed with RH values of 21 % to 44%.		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, for the next 5 days in Bikaner district (13.04.2023 to 17.04.2023), the sky will remain clear on 13.04.2023 & 15.04.2023, the partially cloudy on 14.04.2023, 16.04.2023 and 17.04.2023. T _{min} will possibly range between 24.0-26.0 °C and the T _{max} is likely to remain between 38-40 °C. During this period, moderate winds velocity are likely to blow from the South, South- West and West-South-West directions.				
Weather Parameter		Date				
		13.04.2023	14.04.2023	15.04.2023	16.04.2023	17.04.2023
Rainfall (mm)		0	0	0	0	0
Cloud cover		Clear sky	Partially Cloudy	Clear sky	Partially Cloudy	Partially Cloudy
Temperature Maximum (° C)		38	38	38	39	40
Temperature Minimum (° C)		24	25	26	25	25
Wind direction		S	WSW	SW	SW	SSW
Maximum Relative humidity (%)		19	19	28	34	29
Minimum Relative humidity (%)		11	7	10	11	10
Wind velocity(km/hr)		7	14	16	18	19
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	Harvested crops which have been soaked in rain, turn them upside down and dry them in the sun to prevent them from rotting. Conserve every drop of water and moisture for future.					
Crop	Stage	Details	Agro Advisory			
Wheat	Maturity	Harvesting	To prevent fell down of spikes, harvest crop timely.			
Barley	Maturity	Harvesting	To prevent scattering of spikes, harvest crop timely.			
Forage management		Fodder crops	To get green fodder during June - July months, fodder crops like fodder pearl millet, Giant Bajra, sorghum, cowpea can be done at this time as per the availability of water. First cutting from fodder pearl millet sown in the end of February can be taken at this time (45 to 55 days after sowing) and further cuttings can be taken at 30 to 40 days interval.			
Horticulture		Irrigation	Timely irrigate the horticultural fruit crops such as date palm, Kinnow, orange and lemon and vegetable crops such as kakari, water melon, musk melon, tinda and tomato.			
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.			
		Food and Nutrition	Prepare and fed protein rich high nutritive urea – molasses bricks as per the guidance of registered veterinarian			
Grain storage			Store the grain at or below 8 per cent moisture. Old gunny bags should be used after dry in sun light. Go down should be crack less and be fumigated @3g Celphos per 200 cubic fit before storing the grain then closed air tight. Go down should be safe from rats.			

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

**Zonal Director Research and
Nodal Officer - Gramin Krishi Mausam Sewa**