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District: - Bikaner

Dated:17.11.2023

Weather Forecast and Agromet Advisory

Period 17th November 2023 to 21th November 2023

Weather review of last week: During this period the maximum temperature ranged between 27.3 to 28.0 °C and the minimum temperature ranged between 07.5 to 12.9 °C. During this period, low wind speed observed with RH values of 31 % to 97%.		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 (17.11.2023 to 21.11.2023) clear sky on 17.11.2023 to 21.11.2023. T _{min} will possibly range between 15.0-16.0°C and the T _{max} is likely to remain between 29.0-32.0 °C. During this period, high winds velocity are likely to blow from the North- North-East, North-East and North-West directions.				
Weather Parameter		Date				
		17.11.2023	18.11.2023	19.11.2023	20.11.2023	21.11.2023
Rainfall (mm)		0	0	0	0	0
Cloud cover		Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Temperature Maximum (° C)		29	30	31	32	32
Temperature Minimum (° C)		15	15	16	16	15
Wind direction		NE	NE	NE	NNE	NW
Maximum Relative humidity (%)		30	25	28	24	19
Minimum Relative humidity (%)		19	15	17	13	9
Wind velocity(km/hr)		6	7	8	7	3
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 given to the farmer.						
Specific advisory	Prepare for sowing of <i>rabi</i> crops such as fenugreek, wheat, cumin, isabgol, arrange seed, fertilizer etc.					
Crop	Stage	Details	Agro Advisory			
Fenugreek	Preparation for sowing	Varieties, seed rate and seed treatment	Important varieties of fenugreek suitable for zone 1c are RMT-1 and RMT- 305. For sowing of <i>fenugreek</i> using seed rates of 24 kg seed per hectare land area. Treat the seed before sowing with 2g Carbendazim/kg seed.			
Wheat and Barley	Preparation for sowing	Varieties, seed rate and seed treatment	Improved Varieties suitable for zone 1c for Wheat are Raj - 1482, Raj - 3077, HD - 2329, HD - 2687, Raj - 3777, PBW - 373, WH - 147, Raj - 4083 and Raj - 4120, for Barley are RD-2052, RD-2035, RD-2508, RD-2715. For one hectare area, use 100 kg/ha seed of wheat and 80-100 kg/ha seed of barley.			
Isabgol and Cumin	Preparation for sowing	Varieties and seed rate	Improved Varieties suitable for zone 1c for cumin are GC 4, RZ -19, RZ 223, for isabgol are RI 89 & GI-2. For one hectare area, use 12-20 kg/ha seed of cumin and 5 kg/ha seed of isabgol.			
Forage			To get more fodder production from the first cutting of berseem, mix the seed of Chinese cabbage or oat at the time of sowing. To sowing of oat and barseem for get good green fodder production, use the seed of OS 6, OS 9 and BL 10, BL 22 varieties, respectively.			
Livestock		Health management	Give deworming medicine against endo parasites to the livestock as per guidance of registered veterinarian.			

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

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