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District: - Bikaner

Dated:06.06.2025

Weather Forecast and Agromet Advisory

Period 06th June 2025 to 10th June 2025

Weather review of last week: During this period, the maximum temperature ranged between 40.3 to 42.4 °C and the minimum temperature ranged between 21.8 to 29.0°C. During this period, low wind speed observed with RH values of 28% to 54%.			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 (06.06.2025 to 10.06.2025) partially cloudy on 06.06.2025 to 07.06.2025, dense cloudy on 08.06.2025 and clear sky on 09.06.2025 to 10.06.2025. Tmin will possibly range between 27.0-31.0°C and the T _{max} is likely to remain between 42.0-44.0 °C. During this period high wind velocity is likely to blow coupled with very low relative humidity? Wind blow from the South-West and West-South-West directions.				
Weather Parameter			Date				
			06.06.2025	07.06.2025	08.06.2025	09.06.2025	10.06.2025
Rainfall (mm)			0	0	0	0	0
Cloud cover			Partially Cloudy	Partially Cloudy	Dense Cloudy	Clear sky	Clear sky
Temperature Maximum (° C)			42	43	44	44	44
Temperature Minimum (° C)			27	29	30	31	31
Wind direction			WSW	SW	SW	WSW	WSW
Minimum Relative humidity (%)			14	15	24	22	22
Maximum Relative humidity (%)			39	40	49	47	49
Wind velocity(km/hr)			21	21	19	14	14
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	There is a possibility of light to heavy rain / Dust storm /Thunderstorm/ Lightning accompanied with Hail & Squall at isolated places in coming days. Store the grains and commodities kept in the open in the Krishi Mandies in a safe place so that they can be saved from getting wet. Stay away from trees, poles and water sources during thunder and lightning and take shelter in a safe place. Conserve every drop of water and moisture for future. Apply Gypsum or well decomposed compost along with deep ploughing before onset of monsoon to reclaim alkali/sodic soils.						
Crop	Stage	Details	Agro Advisory				
Groundnut	Preparation for sowing	Field preparation, sowing time and seed rate, fertilizers, varieties, seed treatment	Optimum sowing time of groundnut. Prepare land and arrange seed, fertilizer, implements etc. Use seed rate of groundnut at 20 kg per bigha. Keep row to row 30 cm spacing. Before sowing of ground nut, treat the seed with 2.5 g chlorotheloniol OR 2.0 g carbendazim per kg seed and to control termite treat the seed with 3.0 ml/kg imidacloprid. Then treat the seed with rhizobium and PSB culture @ 3 packets/ha. Use 44 kg urea and 200 kg SSP fertilizers for one hectare area as basal dose at the time of sowing. Use certified seed of improved varieties as HNG-10, TG37A etc.				
Cucurbit Vegetables	Fruiting	Picking	Picking of cucurbits should be done at proper stage. Changes in color of fruit, drying of stalk near fruit, thumping sound etc are important symptoms of ripening of fruits. Do not pick up fruits just after (12-24 hours) after irrigation. Avoid plucking of unripe fruits.				
Fodder sorghum	1st cutting	Reduce toxicity of fodder sorghum	April sown sorghum may be poisonous due ‘DHURIN’ content which is harmful for animals. Therefore, cut and feed the sorghum to the animals after providing 2-3 irrigations or just after good rains.				
Livestock		Food, Nutrition and health	Provide good quality drinking water to animals. 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 dawn should be crack less and be fumigated @3g Celphos per 200 cubic fit before storing the grain then closed air tight. Go dawn should be safe from rats.				

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

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