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District Agromet Advisory Service Bulletin, Champawat

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As per Moderated Forecast Data; receive from Meteorological Center, Dehradun; following weather parameter would be prevailed in District Champawat, Uttarakhand-

Weather Parameter	Forecast Validity (between 08:30AM of Yesterday & 08:30AM of Today)				
	06-02-2019	07-02-2019	08-02-2019	09-02-2019	10-02-2019
Rainfall (mm)	0.0	08 mm. (Light)	35 mm. (Moderate)	25 mm. (Moderate)	0.0
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	4 (Partly cloudy)	7 (Mostly cloudy)	7 (Mostly cloudy)	7 (Mostly cloudy)	1 (Mainly clear)
Maximum Temperature (°C)	17	15	13	13	15
Minimum Temperature (°C)	7	6	4	3	3
Maximum Relative Humidity (%)	85	90	95	95	85
Minimum Relative Humidity (%)	45	50	55	55	45
Wind speed (kmph)	6	6	10	8	6
Wind direction	NW	SE	SE	SE	SE

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of **30 January to 05 February, 2019** (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	4.7	Cloud Cover	Mainly clear to Overcast
Max. Temperature ranges	7.1 °C to 16.1 °C	Minimum Temperature ranges	-0.5 °C to 3.5
Relative Humidity ranges (Afternoon)	44% to 100%	Wind Speed ranges	4.5 to 5.7 kmph
Bright Sun Shine Hours/Day ranges	0.1 to 8.3 hour	Wind Direction prevailed	SE & NE
Automatic Weather Station (AWS), Champawat recorded 0.0 mm rainfall			

Agro advisory based on advices received from the experts of Agromet Advisory committee

Crop	Stage	Agromet Advisory
Wheat, Barley, Onion, Garlic	vegetative growth	Keeping in view moderate rainfall in next few days, farmers are advised to avoid water logging in crop fields and any spray of chemicals.
Potato (valley)	Tuber formation	
Tomatoes, Capsicum, Brinjal, and cucurbitaceous crops	-	Nursery preparation should be done in poly house. Prepare seedling of early cucurbitaceous crops in pro tray or small polythene bags in poly houses.
Mustard (valley)	Flowering	Lady bird beetles are most efficient predator under biological control. Adult ladybird beetle may feed an average 10 to 15 aphid adults per day.
Beekeeping	-	Bees are important source for pollination in vegetable and crops therefore, bee keeping should be promoted.
Mushroom	-	Use electric heater to maintain the room temperature. Allow fresh air in room 2-3 times during the day. Maintain $\approx 75\%$ humidity during day time.
Animal Husbandry	-	Installed electric bulb in cattle shed. Ajwain and jaggery given to animals for maintain the body temperature. Door and windows should be covered properly so that cold wind could not be entered in animal shed. Young calves should be covering gunny/jute bags during night.
Poultry	-	In view of changing weather conditions, antibiotic vaccination should be given to chicks as per recommendation of veterinary officer. Electric Bulb should be installed into Poultry farm for maintaining optimum temperature.

Nodal officer
Agromet Field Unit, Ranichauri

Technical Officer
Gramin Krishi Mausam Sewa