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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)				
	01-05-2019	02-05-2019	03-05-2019	04-05-2019	05-05-2019
Rainfall (mm)	0.0	0.0	3 mm. (Light)	2 mm. (Very Light)	0.0
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	3 (Partly Cloudy)	4 (Partly Cloudy)	4 (Partly Cloudy)	3 (Partly Cloudy)	3 (Partly Cloudy)
Maximum Temperature (°C)	27	26	25	24	26
Minimum Temperature (°C)	14	15	14	13	14
Maximum Relative Humidity (%)	75	80	85	85	80
Minimum Relative Humidity (%)	35	40	45	45	40
Wind speed (kmph)	6	8	8	10	10
Wind direction	NE	SE	NE	SE	SE

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 24 - 30 April, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	0.0	Cloud Cover	Mainly Clear
Max. Temperature ranges	23.7 °C to 27.5 °C	Minimum Temperature ranges	11.4 °C to 14.0 °C
Relative Humidity ranges (Afternoon)	19% to 61%	Wind Speed ranges	2.6 to 5.0 kmph
Bright Sun Shine Hours/Day ranges	9.0 to 11.3 hour	Wind Direction prevailed	NE & SE

Normalized Difference Vegetation Index (08-14 April, 2019); agriculture vigor is moderate over many districts.

Standardized Precipitation Index (cumulative 4 week for the period of 21 March to 17 April 2019): mildly dry condition prevailed during the period most part of districts.

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

Crop	Stage	Agromet Advisory
Ginger	Sowing	Postpone sowing work.
Onion, Garlic	Bulb growth	Avoid water logging and any spray of chemicals.
Potato (Rainfed)	Vegetative growth	Mulching should be done.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops	Seedling	Protect crop from hails. Staking newly transplanted seedlings. Mulching may be done with crop residues; this will suppress the weed growth besides conserving moisture.
Wheat, Barley, Mustard (Valley)	Grain/ Maturity	Harvest mature crops and kept in safer place.
Wheat, Barley (High altitude)	Milking/Grain filling	Postponed irrigation. Remove weeds from outside of the bunds.
Barnyard millet, pigeon pea, (Mid to high altitude)	Emergence	First weeding should be done after 2-3 weeks of emergence.
Apple	Fruit setting	Hail net should be used to protect from hailstorm. Mulching may be done with crop residues. This will suppress the weed growth besides conserving moisture.
Peach, Apricot, Plum, Walnut	Fruit development	
Mushroom	-	Doors and window should be closed properly.
Animal Husbandry	-	FMD vaccination should be given to cow and buffaloes.

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri