



**V.C.S.G. Uttarakhand University of Horticulture & Forestry**  
**College of Forestry, Agromet Field Unit**  
**Ranichauri, Tehri Garhwal-249 199, Uttarakhand**  
**Ph. No. 01376 - 252 150 Email: [ranichauri.amfu@gov.in](mailto:ranichauri.amfu@gov.in)**



**District Agromet Advisory Service Bulletin, Champawat**

**Issued on: 07-05-2019**

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)				
	08-05-2019	09-05-2019	10-05-2019	11-05-2019	12-05-2019
<b>Rainfall (mm)</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5 mm. (Light)</b>
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	0 (Clear Sky)	0 (Clear Sky)	1 (Mainly Clear)	2 (Mainly Clear)	4 (Partly Cloudy)
Maximum Temperature (°C)	32	31	32	33	30
Minimum Temperature (°C)	15	14	14	15	13
Maximum Relative Humidity (%)	70	70	70	80	90
Minimum Relative Humidity (%)	25	25	25	40	50
Wind speed (kmph)	8	8	10	10	10
Wind direction	NW	NW	NW	NW	NW

**Highlights of the past week weather:** Observed meteorological parameters of last week; during the period of 01 to 07 May, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	19.0	Cloud Cover	Mainly Clear to partly Cloudy
Max. Temperature ranges	22.2 °C to 27.6 °C	Minimum Temperature ranges	7.6 °C to 14.0 °C
Relative Humidity ranges (Afternoon)	26% to 49%	Wind Speed ranges	4.1 to 5.7 kmph
Bright Sun Shine Hours/Day ranges	6.6 to 11.5 hour	Wind Direction prevailed	NE & SE

**Standardized Precipitation Index** (cumulative 4 week for the period of 04 April to 01 May 2019): mildly wet condition prevailed during the period most part of districts

**Note:** Farmer registration for SMS Link: <http://imdagrmet.gov.in/farmer/Form.php>  
 District AAS Bulletin, Link: <http://www.imdagrmet.gov.in/node/3498>

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

<b>Crop</b>	<b>Stage</b>	<b>Agromet Advisory</b>
Ginger	Sowing	Prepare field. Enriched compost should apply during field preparation for good growth and development of rhizome. Select disease free and treated rhizome as seed. Avoid sowing work during rainy days.
Onion, Garlic	Bulb growth	Avoid water logging. Apply bio-fungicide in field to minimize the pathogen attack.
Potato (Rainfed)	Vegetative growth	Mulching should be done.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops	Seedling	Do mulching with crop residues; this will suppress the weed growth besides conserving moisture. Remove old leaves from main stem upto one foot. Staking on transplanted seedlings.
Wheat, Barley, Mustard (Valley)	Grain/ Maturity	Harvest matured crop and kept in safer place. Remove weeds from outside of the bunds.
Wheat, Barley (High altitude)	Milking/Grain filling	
Barnyard millet, pigeon pea, (Mid to high altitude)	Emergence	First weeding should be done after 2-3 weeks of emergence. Apply bio-fungicide in field during inter culture operations to minimize the pathogen attack.
Apple	Fruit setting	Hail net should used. Mulching may be done with crop residues; this will suppress the weed growth besides conserving moisture. Maintain optimum soil moisture during fruit development. Rain water harvesting.
Peach, Apricot, Plum, Walnut	Fruit development	
Mushroom	-	In view of low RH in day time, spray clean water on walls and floor in crop room to maintain humidity. In view of wind direction and wind speed, doors and window of NW aspect should close properly.
Animal Husbandry	-	FMD vaccination should be given to cow and buffaloes. Clean water should used as drinking water. Clean the cowshed.

**Nodal officer**  
**Agro-Met Field Unit, Ranichauri**

**Technical Officer**  
**Agro-Met Field Unit, Ranichauri**

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