



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



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)				
	03-04-2019	04-04-2019	05-04-2019	06-04-2019	07-04-2019
Rainfall (mm)	0.0	0.0	0.0	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)	0 (Clear Sky)	2 (Mainly Clear)	2 (Mainly Clear)	3 (Partly Cloudy)	2 (Mainly Clear)
Maximum Temperature (°C)	29	30	32	31	31
Minimum Temperature (°C)	10	11	12	13	12
Maximum Relative Humidity (%)	75	75	75	85	85
Minimum Relative Humidity (%)	35	35	35	45	45
Wind speed (kmph)	4	6	4	6	6
Wind direction	SE	NW	NW	SE	SE

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 27 March to 02 April, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	0.4	Cloud Cover	Mainly clear to Partly cloudy
Max. Temperature ranges	17.8 °C to 23.5 °C	Minimum Temperature ranges	6.3 °C to 11.0 °C
Relative Humidity ranges (Afternoon)	23% to 65%	Wind Speed ranges	3.4 to 4.7 kmph
Bright Sun Shine Hours/Day ranges	7.8 to 9.3 hour	Wind Direction prevailed	NW & E

Standardized Precipitation Index (cumulative 4 week for the period of 28 February to 27 March, 2019): mildly Wet condition prevailed during the period most part of districts.

Normalized Difference Vegetation Index for the week ending on 12, 2019; agriculture vigor is moderate over the districts.

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

Crop	Stage	Agromet Advisory
Barnyard millet, pigeon pea, Potato, (Rainfed high altitude)	-	Sowing should be done. Seed treatment must be applied before sowing.
Apple	Pink bud	Remove weeds from the basin and cover the basin by organic matter (dry grass etc.). Beekeeping box installed in orchards.
Pear, Apricot, Peach	Fruit setting	In view of gradual increase of temperature, maintain proper moisture during fruit setting.
Walnut	Sprouting	
Wheat, Barley (High altitude) Onion, Garlic	Vegetative growth	Remove unwanted plants as well as weeds. Maintain optimum soil moisture through life saving irrigation.
Mustard	Flowering /Pod formation	Continuously monitoring of the crop. If aphids have observed, spray recommended Insecticide during evening time.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (Valley area)	Seedling	Transplanting should be done. Direct sowing of cucurbits.
Agro-Forestry	-	Prepare the cutting of Chinar, Poplar, Selix etc.
Mushroom	-	In view of low relative humidity, maintain humidity in crop room.
Animal Husbandry	-	FMD vaccination should be given to cow and buffaloes. Temperature is suitable for sowing of fodder crops like sorgum maize, lobia.

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri