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**District Agromet Advisory Service Bulletin, Champawat**

**Issued on: 10-05-2019**

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)				
	11-05-2019	12-05-2019	13-05-2019	14-05-2019	15-05-2019
<b>Rainfall (mm)</b>	<b>2 mm. (Very Light)</b>	<b>2 mm. (Very Light)</b>	<b>3 mm. (Light)</b>	<b>5 mm. (Light)</b>	<b>8 mm. (Light)</b>
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	2 (Mainly Clear)	5 (Mainly Cloudy)	5 (Mainly Cloudy)	5 (Mainly Cloudy)	7 (Mainly Cloudy)
Maximum Temperature (°C)	34	32	32	31	30
Minimum Temperature (°C)	15	16	16	15	14
Maximum Relative Humidity (%)	80	85	80	80	90
Minimum Relative Humidity (%)	40	45	40	40	50
Wind speed (kmph)	8	8	8	6	8
Wind direction	NW	NE	NW	NW	NE

**Highlights of the past week weather:** Observed meteorological parameters of last week; during the period of 04 to 10 May, 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	23.6 °C to 28.4 °C	Minimum Temperature ranges	9.9 °C to 15.0 °C
Relative Humidity ranges (Afternoon)	17% to 41%	Wind Speed ranges	4.3 to 5.1 kmph
Bright Sun Shine Hours/Day ranges	9.6 to 11.5 hour	Wind Direction prevailed	SE & NW

**Normalized Difference Vegetation Index** (29 April to 05 May, 2019); agriculture vigor is moderate over many districts.

**Standardized Precipitation Index** (cumulative 4 week for the period of 11 April to 08 May 2019): mildly dry 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>
Wheat, Barley, Mustard (Valley)	Maturity	Harvest matured crop and kept in safer place.
Wheat, Barley (High altitude)	Grain filling	Postpone irrigation and chemicals. Remove disease affected plants
Barnyard millet, pigeon pea, (Mid to high altitude)	Emergence	Hoeing and weeding should be done after 2-3 weeks of emergence. Apply bio-fungicide in field during inter-culture operations to minimize the pathogen attack.
Onion, Garlic	Bulb growth	Avoid water logging. Apply bio-fungicide in field to minimize the pathogen attack.
Ginger	Sowing	Field preparation. Select disease free and treated rhizome as seed.
Potato (Rainfed)	Vegetative growth	Earthing up and mulching should be done. Apply bio-fungicide in field to minimize the pathogen attack.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops	Vegetative growth/Flowe ring	Staking and mulching should be done.
Apple, Peach, Apricot, Plum, Walnut	Fruit development	Hail net should used. Mulching may be done with crop residues for conserving moisture. Proper arrangement for rain water storage in orchard site.
Mushroom	-	Doors and window should close properly. Maintain optimum temperature and Relative Humidity in crop room.
Animal Husbandry	-	FMD vaccination should be given to cow and buffaloes. Clean water should used for drinking. Clean the cowshed.
Agro-Forestry	-	Prepare fire line to protect from forest fire. Start pit formation for transplanting of rainy season plants.

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

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