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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)				
	04-05-2019	05-05-2019	06-05-2019	07-05-2019	08-05-2019
Rainfall (mm)	3 mm. (Light)	1 mm. (Very Light)	0.0	0.0	0.0
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	5 (Mainly Cloudy)	2 (Mainly Clear)	1 (Mainly Clear)	1 (Mainly Clear)	0 (Clear Sky)
Maximum Temperature (°C)	28	28	30	31	32
Minimum Temperature (°C)	15	15	16	17	17
Maximum Relative Humidity (%)	80	75	70	70	70
Minimum Relative Humidity (%)	40	35	30	30	30
Wind speed (kmph)	8	8	8	6	6
Wind direction	NE	E	NW	NW	NW

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 27 April to 03 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)	19% to 49%	Wind Speed ranges	2.6 to 5.7 kmph
Bright Sun Shine Hours/Day ranges	6.6 to 11.3 hour	Wind Direction prevailed	NE & SE

Standardized Precipitation Index (cumulative 4 week for the period of 04 April to 01 May 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
Wheat, Barley, Mustard (Valley)	Grain/ Maturity	Keeping in mind the rains that have occurred in the last few days and the clear weather conditions in the coming days, farmers are advised to harvest the crops after the soil moisture is reduced.
Wheat, Barley (High altitude)	Milking/Grain filling	When the symptoms of Rust disease (yellow stripe on leaves) observed, spray Propiconazole chemical @1 ml per liter of water.
Barnyard millet, pigeon pea, (Mid to high altitude)	Emergence	Hoeing and weeding should be start after 2-3 weeks of emergence. Mix the biological agent (trichoderma / Pseudomonas) into the soil during inter-culture operation.
Onion, Garlic	Bulb growth	Stop irrigation a few days before of harvesting
Ginger	Sowing	Do sowing work. To protect against rhizome rot disease, treat the rhizome with proper biological agent / fungicide before sowing.
Potato (Rainfed)	Vegetative growth	Remove the weeds. Use dry grass as mulch between the rows for conserve the soil moisture.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops	Seedling	Light irrigation as required. Irrigation should be done in the morning or evenings. Staking should be done. Remove the leaves from 15 to 30 centimeters above the ground.
Peach, Apricot, Plum, Walnut	Fruit development	If leaf curl on the leaves of peach plant appears, spray the suitable pesticides and fungicide.
Apple	Fruit setting	Mulching should be done. Apply second dose of nitrogen.
Mushroom	-	Spray clean water in walls and floor to maintain proper moisture. Place a fine net on the windows so that insects cannot enter inside.
Animal Husbandry	-	Feed the mineral mixture. FMD vaccine should given to cow and buffalo.

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri

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