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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-

Parameter/forecast period	(between 0830 hours of Yesterday & 0830 hours Today)				
	10-10-2018	11-10-2018	12-10-2018	13-10-2018	14-10-2018
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (°C)	23	22	22	22	21
Minimum Temperature (°C)	11	12	12	11	11
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	Mainly Clear (1 octa)	Mainly Clear (2 octa)	Partly Cloudy (3 octa)	Mainly Clear (2 octa)	Mainly Clear (2 octa)
Maximum Relative Humidity (%)	80	80	80	75	70
Minimum Relative Humidity (%)	40	40	40	40	35
Wind speed (kmph)	4	6	6	8	8
Wind direction	South-East	South-East	South-East	North-West	North-West

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 03 to 09 October, 2018 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	0.0	Cloud Cover	Mainly Clear sky
Max. Temperature ranges	20.1 °C to 21.6 °C	Minimum Temperature ranges	8.5 °C to 10.0 °C
Relative Humidity ranges (Afternoon)	49% to 60%	Wind Speed ranges	4.3 to 5.1 kmph
Bright Sun Shine Hours/Day ranges	8.4 to 8.9 hour	Wind Direction prevailed	South-East & South West

Crop	Stage	Crop	Stage
Paddy (Irrigated), Finger millet, Amaranth	Maturity	Pigeon pea, Soybean, Black gram etc	Grain filling
Pumpkin, cucumber etc	Flowering/fruitlet	Cole crops	Vegetative Growth
Tomato, Brinjal, Chili, Capsicum etc	Flower/ Fruiting	Vegetable Pea	Seedling
Spinach, Fenugreek, Etc	Emergence/seedling stage	Citrus	Fruit Development

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

Agro advisory based on advices received from the experts of agromet-advisory committee

- Keeping in view the mainly clear sky condition for the coming few days, farmers are advised to keep continue the harvest of mature crops. Storage place should be clean / insect free.
- In present weather condition, field preparation should be started for *rabi* crops. Ploughing and planking should be done properly to conserve the moisture in the soil. Soil testing should be done before sowing of new crop.
- To do sowing of onion. Seed treatment must be applied before sowing.
- Hoeing should be done in vegetable pea, cabbage, fenugreek, spinach etc. Drenching should be done during hoeing using biological agents such as trichoderma, pseudomonas, beauveria etc.
- Apply recommended dose of granular Chloropyrifos into the soil for termite/pest control.
- Installed honey boxes in Farm.
- Mushroom cultivation should be started.
- Maintain proper moisture in fruit bearing trees during fruit development. 2-3 application of Bordeaux mixture (10 grams / liters of water) in regular interval to keep free from disease.
- If die back disease appear in citrus plant, remove affected branches and buried it. Apply copper oxychloride @0.2%.
- In this season, after harvesting in apple orchard; spray Urea (2kg/200liter of water) to dropping the old leaves and destroy the mycelium of scab.
- To protect livestock from ticks, use the Butox medication @ 1 ml per liter of water and wipe body during daytime (sunlight) and bath the animal after two hours.
- Vaccination for Foot and Mouth Disease (FMD) should be done in bovine animals.
- Keeping in view of gradual decrease of minimum temperature, farmers are advised to protect young one from cold by covering them with gunny bags during night and give some sunlight during day time.

Nodal officer
Agromet Field Unit, Ranichauri

Technical Officer
Gramin Krishi Mausam Sewa