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District Agromet Advisory Service Bulletin, Chamoli

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As per Moderated Forecast Data; receive from Meteorological Center, Dehradun; following weather parameter would be prevailed in District Chamoli, Uttarakhand–

Weather Parameter	Forecast Validity (between 08:30AM of Yesterday & 08:30AM of Today)				
	01-06-2019	02-06-2019	03-06-2019	04-06-2019	05-06-2019
Rainfall (mm)	1 (very light)	2 (very light)	15 (Moderate)	15 (Moderate)	3 (Light)
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	2 (Mainly Clear)	3 (Partly cloudy)	2 (Mainly Clear)	3 (Partly cloudy)	2 (Mainly Clear)
Maximum Temperature (°C)	31	32	31	31	30
Minimum Temperature (°C)	16	17	16	16	16
Maximum Relative Humidity (%)	70	70	80	80	80
Minimum Relative Humidity (%)	30	30	40	40	40
Wind speed (kmph)	6	6	10	10	8
Wind direction	SE	SE	SE	SE	SE

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 25 to 31 May, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	2.3	Cloud Cover	Mainly clear to Partly cloudy
Max. Temperature ranges	20.5 °C to 29.7 °C	Minimum Temperature ranges	10.0 °C to 16.1 °C
Relative Humidity ranges (Afternoon)	20% to 42%	Wind Speed ranges	3.1 to 5.0 kmph
Bright Sun Shine Hours/Day ranges	3.5 to 11.7 hour	Wind Direction prevailed	NW & SE

Normalized Difference Vegetation Index (20 to 26 May, 2019); agriculture vigor is moderate.

Standardized Precipitation Index (cumulative 4 week for the period of 2 to 29 May 2019): Mildly dry condition prevailed during the period.

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

Crop	Stage	Agromet Advisory
Paddy (Irrigated)	Nursery /Seedling	Transplanting may be done.
Wheat	Maturity	Harvested crops kept in safer place.
Barnyard millet, pigeon pea, (Mid to high altitude)	Seedling	Hoeing and weeding should be done after rain. Apply bio-fungicide in field during inter-culture operations to minimize the pathogen attack.
Onion, Garlic	Bulb development	Postpone any type of chemical spray.
Ginger	Emergence	Mulch should be used for soil moisture conservation.
Potato (Rainfed)	Vegetative growth/ Tuber formation	Earthing up and mulching should be done. Removal of weeds. Apply bio-fungicide in field to minimize the pathogen attack.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (Valley)	Flowering/Fruiting	Postpone any type of chemical spray. Staking and mulching should be done.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (High Altitude)	Nursery /seedling	Transplanting may be done. Black polythene use as mulch to avoid weed emergence.
Peach, Apricot,	Fruit development /Maturity	Hail net should used. Avoid any spray of chemical during maturity.
Apple, Plum, Walnut	Fruit development	Hail net should used. Mulching may be done with crop residues for conserving moisture. Storage of rain water in orchard.
Citrus (Malta)	Flowering/Fruit Initiation	
Mushroom	-	Maintain humidity in crop room Open the doors and window during day time for enter the fresh air in crop room.
Animal Husbandry	-	Fed optimum quantity of green fodder and mineral mixture. Clean water used for drinking. FMD vaccination should be given to cow and buffaloes before onset of monsoon. Medicine use for Endoparasite.
Agro-Forestry	-	Prepare fire line to protect from forest fire. Start pit formation for planting of rainy season plants.

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

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