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District Agromet Advisory Service Bulletin, Rudraprayag

Issued on: 14-05-2019

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

Weather Parameter	Forecast Validity (between 08:30AM of Yesterday & 08:30AM of Today)				
	15-05-2019	16-05-2019	17-05-2019	18-05-2019	19-05-2019
Rainfall (mm)	12 mm. (Moderate)	3 mm. (Light)	5 mm. (Light)	3 mm. (Light)	12 mm. (Moderate)
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	6 (Mainly Cloudy)	5 (Mainly Cloudy)	4 (Partly Cloudy)	2 (Partly Cloudy)	5 (Mainly Cloudy)
Maximum Temperature (°C)	27	29	30	30	29
Minimum Temperature (°C)	12	13	12	13	13
Maximum Relative Humidity (%)	90	80	80	85	90
Minimum Relative Humidity (%)	45	35	35	40	45
Wind speed (kmph)	6	6	6	8	8
Wind direction	NW	SE	NW	NW	NW

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 08 to 14 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 to partly cloudy
Max. Temperature ranges	25.4 °C to 28.3 °C	Minimum Temperature ranges	10.1 °C to 15.0 °C
Relative Humidity ranges (Afternoon)	17% to 41%	Wind Speed ranges	3.7 to 5.1 kmph
Bright Sun Shine Hours/Day ranges	7.7 to 11.5 hour	Wind Direction prevailed	E & SE

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 wet condition prevailed during the period most part of districts

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

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

Crop	Stage	Agromet Advisory
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	Apply bio-fungicide in field to minimize the pathogen attack. Avoid water logging.
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 /Flowering	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.
Agro-Forestry	-	Prepare fire line to protect from forest fire. Start the pit formation for transplanting of rainy season plants.

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri