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District Agromet Advisory Service Bulletin, Champawat

Issued on: 11-06-2019

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)				
	12-06-2019	13-06-2019	14-06-2019	15-06-2019	16-06-2019
Rainfall (mm)	0.0	3 mm. (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)	3 (Partly Cloudy)	3 (Partly Cloudy)	3 (Partly Cloudy)	2 (Mainly Clear)	3 (Partly Cloudy)
Maximum Temperature (°C)	35	35	34	35	36
Minimum Temperature (°C)	21	21	20	21	22
Maximum Relative Humidity (%)	75	80	70	65	65
Minimum Relative Humidity (%)	35	40	30	25	25
Wind speed (kmph)	6	10	8	8	8
Wind direction	SE	SE	NW	NW	NW

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 05 to 11 June, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	0.6	Cloud Cover	Mainly clear
Max. Temperature ranges	26.7 °C to 30.3 °C	Minimum Temperature ranges	13.0 °C to 18.6 °C
Relative Humidity ranges (Afternoon)	34% to 45%	Wind Speed ranges	3.6 to 5.6 kmph
Bright Sun Shine Hours/Day ranges	6.7 to 11.4 hour	Wind Direction prevailed	E & SE

Normalized Difference Vegetation Index (27 May to 02 June, 2019); agriculture vigor is moderate.

Standardized Precipitation Index (cumulative 4 week for the period of 09 May to 05 June, 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
Finger millet, Amaranth, Soybean, Horse gram, black gram etc (Rainfed)	Field preparation/ Sowing	Prepare field and start sowing. Seed treatment must apply before sowing. Apply FYM/fertilizers as per recommendation of soil testing.
Paddy (Irrigated)	Nursery /Seedling	Transplanting may be done. Apply Butachlor herbicide as per recommendation within 1-3 days of transplanting. Apply FYM/fertilizers as per recommendation of soil testing.
Barnyard millet, pigeon pea, (Mid to high altitude_Rainfed)	Seedling	Hoeing and weeding should be done. Apply bio-fungicide in field during inter-culture operations to minimize the pathogen attack.
Wheat (Rainfed)	Maturity/ Harvesting	Threshing should done and store after proper sun drying.
Onion, Garlic	Maturity	Stop irrigation before few days of harvesting.
Ginger	Emergence	Mulch (crop residue) should be used for soil moisture conservation.
Potato (Rainfed)	Tuber formation/ Development	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	Staking and mulching should be done. Give life saving irrigation.
Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (High Altitude)	Nursery /seedling	Transplanting may be done. Irrigation must apply after planting. Black polythene use as mulch to avoid weed emergence.
Peach, Apricot,	Fruit development /Maturity	Hail net should used. Harvest mature fruits. Avoid any spray of chemical during maturity.
Apple, Plum, Walnut	Fruit development	Hail net should used. Give light irrigation. Mulching may be done with crop residues for conserving moisture.
Citrus (Malta)	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	-	Feed nutrients and mineral mixture in sufficient quantity. Clean water used for drinking. Use medicines to get rid of flies/mosquitoes. Repair animal shed before onset of monsoon.
Agro-Forestry	-	Start pit formation for planting of rainy season plants. Prepare fire line to protect from forest fire.

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>