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District Agromet Advisory Service Bulletin, Champawat

Issued on: 08-02-2019

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)				
	09-02-2019	10-02-2019	11-02-2019	12-02-2019	13-02-2019
Rainfall (mm)	2.0 (Light)	0.0	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)	0 (Clear Sky)	0 (Clear Sky)	1 (Mainly Clear)	2 (Mainly Clear)
Maximum Temperature (°C)	13	15	17	19	20
Minimum Temperature (°C)	2	3	5	7	7
Maximum Relative Humidity (%)	85	80	80	80	80
Minimum Relative Humidity (%)	45	40	40	40	40
Wind speed (kmph)	6	8	6	6	6
Wind direction	SE	NW	NW	NW	NE

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of **02 to 08 February, 2019** (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

Cumulative weekly rainfall (mm)	41.3	Cloud Cover	Mainly Clear to Partly cloudy
Max. Temperature ranges	8.4 °C to 16.1 °C	Minimum Temperature ranges	-2.4 °C to 3.5
Relative Humidity ranges (Afternoon)	44% to 87%	Wind Speed ranges	3.2 to 8.2 kmph
Bright Sun Shine Hours/Day ranges	0.9 to 8.3 hour	Wind Direction prevailed	SE & NE

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**

Crop	Stage	Agromet Advisory
Potato (Rainfed condition)	-	Keeping in view of past rainfall and dry weather condition as well gradual increases in temperature after 8-02-019 for next few days, farmers are advised to land preparation should begin. At least three ploughings and plankings should be done before two week of planting. Application of FYM/Fertilizers should be applicable as per Soil testing recommendation. Procure diseased free and HYV of potatoes from reliable sources.
Apple, Peach, walnut etc (Temperate fruits)	Sprouting/Pink bud formation	Complete the grafting work in apple as early as possible. Budding/grafting in Peach plants should be done before pink bud stage.
Mushroom	-	In view of gradual increase in temperatures, Avoid use of heater in rooms. Keep a mesh cover on the windows. Maintain $\approx 75\%$ relative humidity in rooms.
Mulberry (Sericulture)	-	Suitable time for basin formation and weeding. Apply organic compost @8-10 ton/ha and N:P:K @25:25:25 kg/ha during basin formation.
Mustard	Flowering	Honey boxes should be installed for increase the pollination. Lady bird beetles are most efficient predator under biological control. If aphid appearances above ETL, spray Imidacloprid @0.25ml per liter of water. Spraying should be done in evening time.
Wheat, Barley	Vegetative growth	Apply urea @ 0.5-1.0 kg/ha for proper vegetative growth in optimum soil moisture condition.
Tomato, Capsicum, Brinjal etc (Valley)	-	Nursery preparation should be done in poly house. Prepare seedling of early cucurbitaceous crops in pro tray or small polythene bags in poly houses.
Animal Husbandry	-	Give sun bath during day time. Door and windows should be covered properly so that cold wind could not be entered in animal shed during night & early morning. Avoid dew appearing grasses as fodder.
Poultry	-	Antibiotic should be given. Avoid fungus affected food to feed. Heated water should be given.

Nodal officer
Agromet Field Unit, Ranichauri

Technical Officer
Gramin Krishi Mausam Sewa

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