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District Agromet Advisory Service Bulletin, Rudraprayag

Issued on: 04-01-2019

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 hours of Today)				
	05-01-2019	06-01-2019	07-01-2019	08-01-2019	09-01-2019
Rainfall (mm)	10 mm (light)	20 mm (Moderate)	20 mm (Moderate)	02 mm (Very light)	01 mm (Very light)
Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky)	Partly Cloudy (4 octa)	Generally Cloudy (6 octa)	Generally Cloudy (7 octa)	Partly Cloudy (4 octa)	Partly Cloudy (3 octa)
Maximum Temperature (°C)	15	13	11	13	15
Minimum Temperature (°C)	5	4	2	2	4
Maximum Relative Humidity (%)	85	90	95	85	85
Minimum Relative Humidity (%)	40	45	50	45	40
Wind speed (kmph)	6	6	8	6	4
Wind direction	North-West	South-East	South-East	East	North-West

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 29 December, 2018 to 04 January, 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 sky
Max. Temperature ranges	9.6 °C to 14.5 °C	Minimum Temperature ranges	-1.5 °C to 2.2 °C
Relative Humidity ranges (Afternoon)	35% to 61%	Wind Speed ranges	4.9 to 5.3 kmph
Bright Sun Shine Hours/Day ranges	5.8 to 7.8 hour	Wind Direction prevailed	SW

Crop	Stage	Crop	Stage
Wheat, Barley, Mustard, Lentil	Emergence/CRI	Onion, Garlic	Seedling
Toria	Grain filling/Maturity	Cole crops (Valley)	Seedling/Vegetative Growth
Rai, Spinach, Fenugreek, Etc	Vegetative Growth	Citrus	Maturity

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

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

- In view of light rainfall during 5-9 January and hailstorm very likely at isolated places on 5-6 January, Farmers are advised to harvest mature crops like Toria, leafy vegetable, citrus/malta fruits and kept in safer place.
- Postpone irrigation and any spray of chemicals.
- Thinning and weeding is recommended in mustard crop.
- Mulching should be done on Cole crops for conserve soil moisture.
- Keeping in view of optimum weather conditions, Farmers are advised for transplant of onion seedling in this week. Seedling should not be older than six weeks. Deep transplanting should be avoided.
- Harvest mature fruits of Malta, Galgal/citrus species. Grading/packing should be done before sale. Prepare value added product like squash, RTS.
- Grafting work should be started in temperate orchards. Sowing of temperate fruit seeds for production of root stock.
- Complete the pit formation works for establishment of new orchard in temperate zone as early as possible.
- Build the basin around main stem of fruit bearing trees and clean the shrubs/herbs/grasses and leaf litter from temperate orchard.
- Dew appearing grasses/herbs should not give to goat/sheep as fodder.
- Protect young calves from cold by covering gunny bags during night. Whitewash of all the walls by calcium oxide (dry lime) to protect harmful bacteria.
- Keeping in view low temperature, kept artificial food in beekeeping farm.
- Electric Bulb installed in Poultry farm for maintaining optimum temperature during night.

Nodal officer
Agromet Field Unit, Ranichauri

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