



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for NAINITAL District
Govind Ballabh Pant University of Agriculture & Technology
Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 03-02-2026

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2026-02-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2026-02-04	2026-02-05	2026-02-06	2026-02-07	2026-02-08
Rainfall(mm)	1.0	0.0	0.0	0.0	0.0
Tmax(°C)	13.0	13.0	14.0	14.0	14.0
Tmin(°C)	3.0	3.0	3.0	3.0	3.0
RH-I(%)	72	67	65	67	68
RH-II(%)	30	26	26	28	27
Wind Speed(kmph)	7	9	9	8	7
Wind Direction(Degree)	160	30	31	27	27
Cloud cover(octa)	5	1	4	1	1
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Fog	Fog	No Warning	No Warning	No Warning

Forecast Summary:

Light drizzle of 1 mm is expected on 3 February accompanied by dense fog, thunderstorm, lightning, squall and strong surface winds, while conditions of dense fog is also expected for 4 February. For such conditions yellow warning has been issued. During the upcoming days the maximum & minimum temperature may remain 13.0-14.0 degree Celsius & 3.0 degree Celsius, respectively. The wind is expected to blow with a speed of 7-9 km/hr from the south-south-east and north-east-north direction. Yellow warning has been issued for 3 and 4 February for dense fog, thunderstorm and lightning, squall and strong surface winds.

Weather Warnings (Valid Till 08:30 IST of the next day)

Yellow warning has been issued regarding dense fog, thunderstorm, lightning, squalls and strong surface winds.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Disruption in spraying operations against disease and pests. Avoid irrigating the crops to prevent lodging under strong windy conditions.

General Advisory:

The weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on the "Meghdoot App". "Damini App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The extended range forecast system from 30 January to 5 February indicates large deficient rainfall, normal maximum and below normal minimum temperature trend.

SMS Advisory:

As per IMD, yellow warning has been issued regarding dense fog, thunderstorms and strong winds thus spraying operations should be delayed and irrigation should be avoided.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Flowering)	The flowering and pod formation stages require irrigation so it should be applied as per soil moisture requirement. The spray against pests and diseases should be scheduled on dry days.
LENTIL (Flowering)	The flowering and pod formation stages require irrigation so it should be applied as per soil moisture requirement. The spray against pests and diseases should be scheduled on dry days.
RAPESEED (Flowering)	The life saving irrigation application at flowering and pod formation stage is important so it should be applied as per soil moisture requirement. Pest and disease attack monitoring should be done in rapeseed crop and recommended control measures should be followed. In case of alternaria blight attack regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days while in case of white rust attack, Metalaxyl 35 WS or Ridomil MZ 72 @2.5 kg/ha in 800-1000 litre of water, 2-3 times at an interval of 10 days.
MUSTARD (Flowering)	The life saving irrigation application at flowering and pod formation stage is important so it should be applied as per soil moisture requirement. Pest and disease attack monitoring should be done in mustard crop and recommended control measures should be followed. In case of alternaria blight attack regular spray of Mancozeb 75% @2kg/ha in 800-1000 litre water, 2-3 times at an interval of 10 days while in case of white rust attack, Metalaxyl 35 WS or Ridomil MZ 72 @2.5 kg/ha in 800-1000 litre of water, 2-3 times at an interval of 10 days.
WHEAT (Vegetative)	Weed control measures should be taken and regular disease monitoring should be done in the crop. Avoid irrigating the crop.
BARLEY (Vegetative)	Weed control measures should be taken and regular disease monitoring should be done in the crop. Avoid irrigating the crop.
SUGARCANE (Physiological Maturity)	The crop should be harvested at 16-18% brix value.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Seedling Growth)	Irrigation should be applied as per soil moisture requirement as excessive irrigation could damage the growing seedlings. Regular weeding-hoeing operations should be continued in the crop.
VEGETABLE PEA	The pea crop is very sensitive to dry and cold nights so irrigation should be applied if required and regular monitoring for pest and diseases should be done.
TOMATO (Vegetative)	The crop should be regularly monitored for disease transferring insects and controlled with the recommended practices. Late blight disease in tomatoes can be prevented with a Mancozeb spray @2.5g/liter of water.
POTATO (Tuber set)	Late blight disease in Potato can be controlled using Mancozeb @2.5 g/litre of water.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from

Live Stock	Live Stock Specific Advisory
	Rinderpest disease (Sheetla rog). The animal feed should be increased by 10% for extra energy requirement.
COW	To save the animal from cold, increase the amount of oil and Jaggery (Gur) in the food of animals. Caraway (Ajwain) and gur also be given to the animals. To save the animals from cold, proper arrangement of animal shed should be done. Vaccination should be given to the animals to save them from Rinderpest disease (Sheetla rog). The animal feed should be increased by 10% for extra energy requirement.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Medicine as per the veterinarian should be administered for aflatoxiosis caused due to fungal growth in their feed.

Likely impacts of weather warnings (General)

Disruption in spray operations and lodging may occur in case of strong surface winds.

Impact based advisories (General)

The spray operations should be scheduled on dry days and irrigation should be avoided on yellow warning days.

Farmers are advised to download Unified  "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details/>

Damini MobileApp link : <https://play.google.com/store/apps/details/>