



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 : 2025-10-07

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-10-07 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-10-08	2025-10-09	2025-10-10	2025-10-11	2025-10-12
Rainfall(mm)	6.0	0.0	0.0	0.0	0.0
Tmax(°C)	24.0	25.0	26.0	26.0	27.0
Tmin(°C)	15.0	16.0	16.0	15.0	15.0
RH-I(%)	89	86	84	81	80
RH-II(%)	54	45	42	46	45
Wind Speed(kmph)	9	7	7	7	6
Wind Direction(Degree)	320	140	130	170	180
Cloud Cover(Octa)	5	0	0	1	0
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During the upcoming days the region is expected to experience disturbed weather conditions with light rainfall on 7 October with maximum-minimum temperature of 24-27°C and 15-16°C, respectively. The wind is expected to blow from north-west, south-east, south-east-east and south direction with a speed of 6-9 kmph. On 7 October, the region is expected to experience thunderstorms/lightning, squalls and strong surface winds while no warning has been issued for other days of the week.

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

No significant weather warnings while for rainfall during 7 October, proper drainage should be maintained in the fields.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact is expected in the upcoming days, however for 7 October proper drainage should be maintained.

General Advisory:

The farmers and other related community can download the "Mausam" app for regular weather information and rainfall alerts. Other apps like "Meghdoot" and "Damini" are also available for regular update of meteorological and lightning data, respectively. All the apps can be easily downloaded from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows large deficient rainfall, normal maximum and minimum temperature trend during 10.10.2025 to 16.10.2025.

SMS Advisory:

As per IMD, no significant warning has been issued so the scheduled farming activities can be continued.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Physiological Maturity)	To prevent infestation of common pest of rice i.e brown plant hopper, farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml/ Buprofezin 25 SC @1 litre/ Thiamethoxam 25 WSG @100gm mixed in 500 litre water per hectare. The spray should be done near the stem. Buprofezin should be used in case of less infestation, Triflumezopyrim in case of heavy infestation and Fipronil 5 SC in case of stem borer+brown plant hopper attack. Also, in case of fallen rice crop under sudden rainfall, the crop should be tied upright to prevent spoilage of grains.
FINGER MILLET (Physiological Maturity)	The matured millet varieties in the mid and higher hills should be harvested and kept for drying period of 2-3 days. In case of disturbed weather, the harvested produce should be kept under shed.
MAIZE (Maturity and Harvesting)	Avoid bird attacks by appropriate farming measures in mature cobs. The matured cobs in higher hills should be harvested when covered with yellow leaves. The harvested cobs should be dried under shed to avoid spoilage.
SOYABEAN (Pod Development)	The maturing pulse crop should be harvested and kept for drying. The matured pulse crop will show yellowing, drying and finally leaf fall at which the pod should be harvested and dried for 2-3 days.
PIGEON PEA (RED GRAM/ARHAR) (Pod Development)	In the mid hills on pod formation, maintain proper moisture in the field for good pod yield while in valleys and low hills the mature crop should be harvested and dried for 2-3 days.
RAPESEED (Sowing)	After harvesting rice in the valleys and after harvesting pulses and millets in the medium and higher hills the toria and yellow mustard crop should be sown. The sowing should be done at line to line distance of 45cm and 30 cm from the bunds. The seeds should be treated with Metalaxyl 35 W.S. @4 g/kg seed before sowing.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Vegetative)	The early varieties should be harvested and sent to the market for consumption. Top-dressing of urea should be done in the mid-varieties and regular practices like weeding, hoeing and irrigation application should be monitored. In case of water logging provide proper drainage.
RADISH (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
CARROT (Germination)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
Faba bean/ Broad bean (Sowing)	Sowing can be taken up in this month. All the farming activities should be done keeping the forecast in mind. The crop requires 2-3 irrigation which should be given as and when required.
LEMON (Fruit formation)	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25% WG @ 1g/3 litre water. Apply first spray of Thiamethoxam during initial appearance of pest and repeat 2 – 3 sprays at 15 – 21 days interval depending on the level of pest intensity.
APPLE (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose.
PEACH (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose.
PEAR (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose.
PLUM (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.
BUFFALO	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.

Likely impacts of weather warnings (General)

No significant impact.

Impact based advisories (General)

No advisory.

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>