



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 : 2025-09-26

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-09-27	2025-09-28	2025-09-29	2025-09-30	2025-10-01
Rainfall(mm)	1.0	1.0	5.0	5.0	5.0
Tmax(°C)	25.0	27.0	26.0	25.0	25.0
Tmin(°C)	15.0	15.0	15.0	14.0	14.0
RH-I(%)	85	82	84	83	80
RH-II(%)	65	68	69	66	68
Wind Speed(kmph)	3	3	3	2	1
Wind Direction(Degree)	30	10	60	30	20
Cloud Cover(Octa)	2	2	1	1	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During the upcoming days the region is expected to experience very light drizzle of 1-5 mm with maximum-minimum temperature of 25-27°C and 14-15°C, respectively. The wind is expected to blow from north-east, north-east-north, north-east-east and north-north-east direction with a speed of 4-6 kmph. No warning has been issued for the upcoming week.

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

No warning.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact.

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 and normal maximum-minimum temperature trend during 26.09.2025 to 02.10.2025

SMS Advisory:

As per IMD, no warning has been issued so irrigation should be applied as per requirement of the crop and regular farming activities should be continued as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Flowering)	Rice crops are prone to diseases and pests, so chemical sprays should be used to control these diseases and pests. When stem borers appear above the ETL, spray chlorantraniliprole 20 SC 150 ml per hectare, or fipronil 5 SC 1.0 liter, or chlorpyrifos 20 EC 2.5 liters mixed in 500-600 liters of water per hectare. When common pests, such as brown planthoppers, appear, farmers should spray triflumezopyrim 10 SC 235 ml, fipronil 5 SC 1000 ml, buprofezin 25 SC 1 liter, or thiamethoxam 25 WSG @100 grams mixed in 500 liters of water per hectare. Spray near the stem. Buprofezin should be used for mild infestations, triflumezopyrim for heavy infestations, and fipronil 5SC for stem borer and brown planthopper infestations. To prevent yield loss, chemical sprays should be applied timely, and harvested mature rice varieties should be thoroughly dried before storage.
FINGER MILLET (Flowering)	In late-maturing millet varieties, monitor the crop regularly as stem borers can cause damage. To prevent this, spray the affected area with Fipronil 5 SC @ 1 liter, Cartap hydrochloride 50 WP @ 600 grams, or Chlorpyrifos 20 EC @ 2.5 liters dissolved in 500-600 liters of water. Mature millet varieties should be harvested.
PIGEON PEA (RED GRAM/ARHAR)	As soon as pods start forming, maintain soil moisture by using light irrigation. If pod borers are seen, use pheromones to determine the pod borer population and if the ETL is above, use biological control measures such as NPV 500 borer equivalent B T @1 kg per hectare, Nimboli 5% + 1% soap solution and Indoxacarb 14.5 EC @353-400 ml or Emamectin Benzoate 5 SG @220 mg or Spinosad 45 SG @125-162 ml/ha.
SOYABEAN (Pod Development)	Monitor the crop regularly and in case of occurrence of stem fly apply Chlorantraniliprole 18.5 SC @150 ml mixed in 700-800 litre of water. The application is effective for girdle beetle. Apply irrigation in order to maintain soil moisture.
BLACK GRAM (Pod Maturity)	On occurrence of white fly, it should be controlled to avoid spreading yellow mosaic virus. Mature pods should be harvested and dried before storage. Maintain the soil moisture and apply irrigation as per requirement.
GREEN GRAM (Pod Maturity)	On occurrence of white fly, it should be controlled to avoid spreading yellow mosaic virus. Mature pods should be harvested and dried before storage. Maintain the soil moisture and apply irrigation as per requirement.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER (Seedling Growth)	Regular farming activities like hoeing and weeding should be done in the field. Maintain soil moisture and apply irrigation as per required by the crops.
RADISH (Germination)	In radish crop maintain soil moisture and apply irrigation as and when required. One irrigation should be given just after sowing and second irrigation on appearance of 3-4 leaves.
CARROT (Germination)	After germination regular weeding should be done and plant to plant distance should be maintained.
Faba bean/ Broad bean (Sowing)	Sowing should be completed and light irrigation can be applied to maintain soil moisture just after sowing.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops.
BUFFALO	To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days.
GOAT	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Live Stock	Live Stock Specific Advisory
SHEEP	In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease.

Likely impacts of weather warnings (General)

No warning.

Impact based advisories (General)

No impact.

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>