



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 : 2025-09-30

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

Parameter	2025-10-01	2025-10-02	2025-10-03	2025-10-04	2025-10-05
Rainfall(mm)	15.0	5.0	20.0	15.0	5.0
Tmax(°C)	23.0	23.0	24.0	23.0	23.0
Tmin(°C)	14.0	15.0	15.0	14.0	14.0
RH-I(%)	90	88	92	92	88
RH-II(%)	88	70	70	85	85
Wind Speed(kmph)	3	3	3	2	1
Wind Direction(Degree)	290	290	70	80	90
Cloud Cover(Octa)	6	2	6	6	4
Warning	Thunderstorms & Lightning, Squall etc	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

During the upcoming days the region is expected to experience light drizzle of 5-20 mm with maximum-minimum temperature of 23-24oC and 14-15oC, respectively. The wind is expected to blow from west-north-west, east-north-east, north, east-north and east direction with a speed of 1-3 kmph. No warning has been issued for the upcoming week. Thunderstorm accompanied with lightning and intense to very intense rain spell is likely to occur at isolated places on 01.10.2025. No warning has been issued for other days.

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

No warning has been issued most of the days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No impact is expected.

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 extreme warning has been issued so the agricultural activities should be done as scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Flowering)	On occurrence of common pest i.e. brown plant hopper, farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml 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. The matured early varieties should be harvested and dried well before storage.
FINGER MILLET (Flowering)	In late maturing varieties of millets, keep monitoring the crop as the stem borer harms the crop. For its prevention, Fipronil 5 S. C. @1 liter or Cartap Hydrochloride 50 W. P. Spray 600 grams or Chlorpyrifos 20 E. C. @2. 5 liters dissolved in 500-600 liters of water should be sprayed on the affected region. The matured millet varieties should be harvested and stored after drying well.
MAIZE (Vegetative)	Apply Mancozeb or Zineb 75 WP @ 1. 5 -2. 0 kg in 750- 800 litres of water per hectare on occurrence of blight. The early maize varieties should be harvested and dried well before storage.
BLACK GRAM (Maturity and Harvesting)	The mature crop should be harvested and stored for procurement/ consumption. The crop should be dried well before storage.
GREEN GRAM (Maturity and Harvesting)	The mature crop should be harvested and stored for procurement/ consumption. The crop should be dried well before storage.
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 as per requirement of the crop.
PIGEON PEA (RED GRAM/ARHAR) (Pod Development)	On occurrence of pods, to prevent dryness of the field, light irrigation should be applied to the crop as per the forecast and requirement. On appearance of pod borer, apply pheromone @5-6 traps/ha in the field at the time of flowering. If 5-6 moths get per trap were seen continuously for two-three days, then use one of the following drugs i.e. N.P.V. @500 borer equivalent B. T. @1 kg/ha. Nimboli 5% + 1% soap solution and Indoxacarb 14. 5 E.C. @353 -400 ml or Ema mectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
RAPESEED (Sowing)	After harvesting rice in the valleys and lower hills while after harvesting pulses and millets in the medium and higher hills, the toria and yellow mustard crop should be sown and 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. Apply light irrigation just after 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.
CARROT (Sowing)	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
RADISH (Sowing)	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. 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 in citrus fruits then prune the infected twigs and spray systemic insecticide such as imidacloprid

Horticulture (Stage)	Horticulture Specific Advisory
	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 in apple.
PEACH (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose in peach.
PEAR (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose in pear.
PLUM (Fruit formation)	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose in plum.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder.
GOAT	In rural areas, 2 shots of tetanus toxide 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.
SHEEP	In rural areas, 2 shots of tetanus toxide 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.

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 expected.

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