



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 : 2025-09-04

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-04 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-09-05 | 2025-09-06 | 2025-09-07 | 2025-09-08 | 2025-09-09 |
|------------------------|---|---|---|---|---|
| Rainfall(mm) | 20.0 | 20.0 | 20.0 | 10.0 | 10.0 |
| Tmax(°C) | 23.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| Tmin(°C) | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| RH-I(%) | 93 | 92 | 91 | 92 | 92 |
| RH-II(%) | 92 | 92 | 92 | 92 | 92 |
| Wind Speed(kmph) | 3 | 3 | 3 | 2 | 1 |
| Wind Direction(Degree) | 100 | 110 | 120 | 160 | 100 |
| Cloud Cover(Octa) | 6 | 7 | 8 | 8 | 7 |
| Warning | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc |

Forecast Summary:

During the upcoming days the region is expected to experience light to medium rainfall of 10-20 mm with maximum-minimum temperature of 23-24°C and 18°C, respectively. The wind is expected to blow from east-south, east-south-east, south-east-east and south-south-east direction with a speed of 1-3 kmph. Yellow warning has been issued regarding heavy rain for the upcoming week accompanied by thunderstorms/lightning, intense to very intense rain spell at isolated places.

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

Yellow warning regarding the occurrence of heavy rain accompanied by thunderstorm/lightning and intense rain spell has been given for isolated places.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Water logging under heavy rainfall conditions and disruption in chemical spray against diseases/pests. Maintain proper drainage in the field and delay chemical spray under heavy rainfall and strong wind conditions.

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

normal rainfall, normal maximum temperature and above normal minimum temperature trend during 05.09.2025 to 11.09.2025.

SMS Advisory:

As per IMD prediction, yellow alerts for heavy rainfall have been issued so proper drainage should be maintained and sprays should be avoided under heavy rainfall and strong wind conditions.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|-----------------------------|---|
| RICE (Vegetative) | Bacterial blight symptoms would be visible on crop so chemical spray should be done only under light rainfall conditions while avoided under heavy rainfall and strong windy conditions. Prevent water logging conditions in the field and provide proper drainage to prevent disease spread. Along with this, nitrogen application should be stopped and in case of occurrence of excessive disease, 15 grams of streptocycline + 500 grams of copper oxychloride mixed in 1000 liters of water per hectare may be applied only under clear or light rainfall conditions. In case of stem borer attack and their presence above ETL, chlorantraniliprole 20 SC @150ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP or 2.5 lit of Chlorpyrifos 20 EC in 500-600 lit of water /ha should be sprayed under clear weather conditions or days when light rainfall is expected. |
| FINGER MILLET (Vegetative) | Keep monitoring the crop for the stem borer attack and its prevention is possible with chemical application of Fipronil 5 S. C. @1 liter or Cartap Hydrochloride 50W. P or 600 grams of Chlorpyrifos 20 E. C. spray @2. 5 liters dissolved in 500-600 liters of water. The chemical spray should be done under clear weather conditions or light rainfall and avoid under heavy rainfall and strong windy conditions. |
| MAIZE (Vegetative) | Monitor the crop properly and apply Mancozeb or Zineb 75 WP @ 1. 5 -2. 0 kg in 750- 800 litres of water per hectare on occurrence of maize blight (Yellow or brown coloured egg ship shaped spots). Second spraying should be done at 10-15 days interval. The spray should be done under clear weather conditions or light rainfall and avoid these applications under heavy rainfall and strong windy condition. |
| SOYABEAN (Vegetative) | Monitor the crop for disease/pest and any kind of chemical spray should be scheduled under clear weather conditions or light rainfall conditions and avoided under strong winds and heavy rainfall. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-----------------------------|---|
| SPINACH (Sowing) | Spinach can be sown in this month. Proper drainage should be maintained in the field. |
| CHILLI (Harvesting) | On drying of the upper stipe of chilly crop and if it is turning black, then infected branches should be removed by plucking to save the crop. To save the crop from rotting spray 0.1% Carbendazim solution under clear or light rainfall weather conditions. Proper drainage should be maintained in the field and spray under strong windy conditions should be avoided. |
| CAULIFLOWER (Transplanting) | The 4-6 weeks old seedlings with 4-6 leaf stage of cauliflower, cabbage and knol-khol can be transplanted in this month. Proper drainage should be maintained in the field to avoid spoilage. |
| RADISH (Sowing) | The european varieties of radish , asian and european varieties of carrot, turnip varieties and beetroot varieties can be sown during this month. Proper drainage should be provided in the field to avoid spoilage of seeds and sowing should be avoided under heavy rainfall conditions. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|--|
| COW | The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. The shed should be maintained well with proper protection against heavy rains and proper drainage should be provided to avoid disease spread. |
| 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. The shed should be maintained well with proper protection against heavy rains and proper drainage should be provided to avoid disease spread. |

Likely impacts of weather warnings (General)

Waterlogging and disruption of chemical spray application

Impact based advisories (General)

Proper drainage should be maintained in the field and freshly sown fields. The chemical application should be done under either clear or light rainfall conditions and avoided under strong winds and heavy rainfall.

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>