



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 : 2025-09-02

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-09-02 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-09-03 | 2025-09-04 | 2025-09-05 | 2025-09-06 | 2025-09-07 |
|------------------------|--|--|---------------------------------------|---|---|
| Rainfall(mm) | 58.0 | 20.0 | 8.0 | 15.0 | 12.0 |
| Tmax(°C) | 22.0 | 23.0 | 26.0 | 28.0 | 26.0 |
| Tmin(°C) | 16.0 | 17.0 | 18.0 | 22.0 | 18.0 |
| RH-I(%) | 92 | 82 | 85 | 88 | 90 |
| RH-II(%) | 70 | 60 | 60 | 60 | 65 |
| Wind Speed(kmph) | 8 | 7 | 5 | 5 | 5 |
| Wind Direction(Degree) | 110 | 100 | 140 | 140 | 120 |
| Cloud Cover(Octa) | 6 | 6 | 6 | 6 | 6 |
| Warning | Very Heavy Rain; Extremely Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Very Heavy Rain; Thunderstorms & Lightning, Squall etc | Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc | Heavy Rain; Thunderstorms & Lightning, Squall etc |

Forecast Summary:

The upcoming week predicts light to heavy rainfall of 12-58 mm and maximum-minimum temperature varying between 22.0-28.0°C and 16.0-22.0°C, respectively. The wind is expected to blow from east-south-east, south-east-east, south-east and east-south direction at a speed of 5-8 kmph. A red alert has been issued for 2 September regarding the occurrence of very heavy to extremely heavy rainfall accompanied by thunderstorms/lightning and intense rain spells at isolated places while an orange alert has been issued for 3 September regarding occurrence of heavy to very heavy rain with similar thunderstorm and lightning conditions at isolated places. Yellow alert has been issued for heavy rains with thunderstorm/lightning, squall etc. at isolated places on 5 & 6 September while yellow alert has been issued on 4 September regarding thunderstorms/lightning, intense rain spell etc. at isolated places.

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

Heavy to extremely heavy rainfall has been predicted with thunderstorm/lightning and intense rain spell.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Waterlogging in crops, impact on sowing of vegetable crops, disruption of regular farming activities and like spraying of chemical application. Provide proper drainage in the fields, sowing and spraying application should be done under clear weather 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 large excess rainfall, normal maximum-minimum temperature trend during 29.08.2025 to 04.09.2025.

SMS Advisory:

As per IMD forecast, heavy rainfall has been predicted so proper drainage should be maintained in the field.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|-----------------------------|---|
| RICE (Vegetative) | Symptoms of bacterial blight disease if seen in paddy such as water-soaked spots on the leaves and their gradual increase to become long stripes. These stripes gradually turn light brown. To prevent this disease from spreading in the field, do not keep water logged condition in the field. Along with this, nitrogen application should be stopped for the time being and in case of excessive disease, the chemical spray of 15 grams of streptocycline + 500 grams of copper oxychloride in 1000 liters of water per hectare should be done on clear days as heavy rainfall has been predicted on most of the days while in case of stem borer, chlorantraniliprole 20 SC @150ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP in 500-600 lit of water /ha should be sprayed under clear weather conditions and avoided under heavy rainfall conditions. Proper drainage channels should be provided to avoid water logging. |
| FINGER MILLET (Vegetative) | 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. @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 spray should be done under light rainfall conditions and avoided under strong winds. Proper drainage channels should be maintained in the field. |
| 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 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 light rainfall conditions and avoided under strong winds. Proper drainage channels should be maintained in the field. |
| SOYABEAN (Vegetative) | Monitor the crop for pests and disease and any chemical spray should be done under clear weather conditions when there are no strong winds. Proper drainage channels should be maintained in the field. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-----------------------------|---|
| SPINACH (Sowing) | Spinach sowing can be done in this month and it should be done when the weather is clear. Proper drainage channels should be maintained in the field. |
| CHILLI (Vegetative) | 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 light rainfall conditions. The spray should be avoided under heavy rainfall and strong winds. Proper drainage channels should be maintained in the field. |
| CAULIFLOWER (Transplanting) | The late varieties of cauliflower, cabbage varieties and knol-khol can be transplanted in this month and this should be done when the seedling become 4-6 weeks old or they attain 4-6 leaf stage. The transplanting operation should be done under light rainfall conditions and protective net should be used to avoid damage by strong winds. Proper drainage should be provided in the field. |
| RADISH (Sowing) | The european varieties of radish , asian and european varieties of carrot, turnip varieties and beetroot varieties can be sown during this month. The |

| Horticulture (Stage) | Horticulture Specific Advisory |
|----------------------|--|
| | sowing can be done under clear weather conditions and proper drainage should be maintained in the field. |

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. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the cow shed. |
| 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. Under heavy rainfall proper warmth and food should be provided and cleanliness should be maintained in the shed. |

Likely impacts of weather warnings (General)

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| Waterlogging and impact on regular farming activities. |
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Impact based advisories (General)

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| Proper drainage channels should be provided in the field as well as horticultural crops and the regular farming activities should be done under light rainfall conditions and avoided under strong winds. |
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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>