



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 : 2026-05-19

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2026-05-19 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2026-05-20 | 2026-05-21 | 2026-05-22 | 2026-05-23 | 2026-05-24 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 28.0 | 29.0 | 30.0 | 31.0 | 32.0 |
| Tmin(°C) | 22.1 | 23.2 | 24.1 | 24.1 | 22.0 |
| RH-I(%) | 43 | 35 | 36 | 39 | 43 |
| RH-II(%) | 14 | 9 | 11 | 11 | 10 |
| Wind Speed(kmph) | 5 | 7 | 7 | 7 | 7 |
| Wind Direction(Degree) | 9 | 32 | 30 | 34 | 29 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 1 |
| Warning | No Warning | No Warning | No Warning | No Warning | No Warning |

Forecast Summary:

The forecast indicates dry weather conditions in the upcoming week. Maximum temperature is expected to vary between 28°C to 32°C, while minimum temperature would vary between 22°C to 24°C during the period. The weather is expected to remain dry. Wind speed is expected to vary from 5–7 kmph with north–east, north-east-north, and north-north-east direction. No weather warning has been issued.

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 weather forecast is regularly updated on "Mausam App" and weather associated agrometeorological advisory is regularly updated on "Meghdoot App". "Daminin App" is available to get lightning information. Mausam, Meghdoot and Damini apps can be downloaded from Google Play Store (Android Users) and App Center (iOS Users). The extended range forecast from 15 to 21 May indicate large deficient rainfall, above normal maximum and normal minimum temperature.

SMS Advisory:

As per IMD, no warning issued so irrigation should be applied and any chemical application should be scheduled and done as required.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------------------------------|--|
| RICE (Nursery) | In medium higher hills under irrigated conditions nursery should be prepared and treated seeds of high yielding varieties should be used. Regular weeding hoeing and irrigation application should be done in Chetki Dhan. The irrigation application and nursery preparation should be done. सिंचाई और नर्सरी तैयार करना आवश्यक है। |
| WHEAT (Drying / Threshing) | The harvested crop should be dried well and threshed. After threshing store the harvested produce in a well ventilated place. |
| PIGEON PEA (RED GRAM/ARHAR) (Sowing) | Prepare field for sowing of the crop and well treated high yielding varieties such as VL Arhar-1, UPAS 120, Pusa Ageti should be sown. Irrigation should be applied just after sowing. |
| MAIZE (Sowing) | Prepare land in mid hilly areas and schedule sowing of crop. Irrigation should be applied just after sowing. |
| BARNYARD MILLET (Sowing) | Sowing of millets can be done and irrigation should be applied just after sowing. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|------------------------|---|
| TOMATO (Vegetative) | To control of viral diseases in tomato crop, remove and destroy the infected plants(when shrunken speckled leaves are visible), To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. Irrigation should be applied and water conservation practices like mulching should be used. |
| CHILLI (Vegetative) | To control of viral diseases in chilli crop, remove and destroy the infected plants (when shrunken speckled leaves are visible), To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @2.5g/liter or copper oxychloride @ 3g/lit of water should be sprayed. Irrigation should be applied and water conservation practices like mulching should be used. |
| BRINJAL | Irrigation should be applied and after irrigation top dressing of urea should be done in one month old transplanted brinjal crop. Water conservation practices like mulching should be used. |
| CAPSICUM | Irrigation should be applied and after irrigation top dressing of urea should be done in one month old transplanted capsicum crop. Water conservation practices like mulching should be used. |
| PEACH | Maintain proper moisture and keep the basin clean. Avoid excessive irrigation to prevent flower and fruit drop. |
| PEAR | Maintain proper moisture and keep the basin clean. Avoid excessive irrigation to prevent flower and fruit drop. |
| APPLE | Maintain proper moisture and keep the basin clean. Avoid excessive irrigation to prevent flower and fruit drop. |
| PLUM | Maintain proper moisture and keep the basin clean. Avoid excessive irrigation to prevent flower and fruit drop. |
| CUCUMBER (Vegetative) | In cucurbitaceous crops like cucumber apply irrigation and regular monitoring should be done for pest and disease occurrence. Water conservation practices like mulching should be used. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|------------|---|
| COW | Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices. |

| Live Stock | Live Stock Specific Advisory |
|------------|--|
| BUFFALO | In the summer season, time to time spraying of melathiyam or other insecticide should be done in the drains near the animal shed. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. If symptoms of mastitis are seen in dairy cattle, treat it immediately |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) | Others (Soil / Land Preparation) Specific Advisory |
|----------------------------------|--|
| GENERAL ADVICE | The field should be prepared. As the temperatures are increasing, mulch and intercultural operations should be done to conserve the soil moisture. |

Likely impacts of weather warnings (General)

| |
|-----------|
| No 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