



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 : 2025-05-13

Weather Forecast of District NAINITAL (Uttarakhand) Issued On : 2025-05-13 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-14	2025-05-15	2025-05-16	2025-05-17	2025-05-18
Rainfall(mm)	0.0	0.0	0.0	0.3	0.7
Tmax(°C)	34.8	35.6	36.6	37.0	36.2
Tmin(°C)	20.8	21.7	22.4	22.9	23.4
RH-I(%)	53	47	45	47	55
RH-II(%)	19	19	17	20	24
Wind Speed(kmph)	3.4	6.3	7.0	5.9	5.8
Wind Direction(Degree)	18	31	35	52	60
Cloud Cover(Octa)	0	0	0	2	3
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

The upcoming week predicts very light and insignificant drizzle of 0.3-0.7 mm and maximum-minimum temperature varying between 34.8-37.0oC and 20.8-23.4oC, respectively. The wind is expected to blow from south, north-west, north-east and north-east-east direction at a speed of 3.4-7.0 kmph. No warning has been given and the weather is expected to be dry during 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 warning

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The extended range forecast shows normal rainfall, maximum and minimum temperature trend during 16.05.2025 to 22.05.2025.

SMS Advisory:

As per IMD forecast, clear weather is expected so the harvested produces should be dried careful and sowing of crops should be continued. Other farming operations should be scheduled.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	In medium higher hills under irrigated conditions nursery should be prepared and treated seeds of high yielding varieties should be used. Irrigation should be applied in the Chetki Dhan crop.
PIGEON PEA (RED GRAM/ARHAR) (Sowing)	Short duration varieties should be sown and well treated, high yielding varieties should be used.
MAIZE (Sowing)	In mid hilly areas, sow the crop in the second fortnight of the month.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION (Physiological Maturity)	If onion crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days.
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 oxichloride@ 3g/lit of water should be sprayed.
CHILLI (Vegetative)	To control of viral diseases in chilli crop, infected plants (contracted piebald leaves) should be removed and destroyed.(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 oxichloride @ 3g/lit of water should be sprayed.
BRINJAL (Vegetative)	In one month old transplanted crop, top dressing of urea should be done.
CAPSICUM (Vegetative)	In one month old transplanted crop, top dressing of urea should be done.
GARLIC (Physiological Maturity)	Irrigation should be stopped in the mature garlic crop and harvesting of bulbs should be done and dried in shade.

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.
BUFFALO	In the summer season, time to time spraying of melathiyani 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	Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20cm.

Likely impacts of weather warnings (General)

No warning

Impact based advisories (General)

No warning

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