



**Gramin Krishi Mausam Sewa**  
**Agromet Advisory Bulletin for UDAMSINGH-NAGAR**  
**District**  
**Govind Ballabh Pant University of Agriculture & Technology**  
 Udham Singh Nagar, Pantnagar, Uttarakhand



## Agromet Advisory Bulletin

Date : 2025-02-18

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-02-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-02-19	2025-02-20	2025-02-21	2025-02-22	2025-02-23
Rainfall(mm)	0.0	0.0	5.0	0.0	0.0
Tmax(°C)	26.0	25.0	23.0	25.0	26.0
Tmin(°C)	8.0	7.0	9.0	8.0	8.0
RH-I(%)	80	85	85	80	80
RH-II(%)	50	50	65	60	55
Wind Speed(kmph)	4	5	7	7	5
Wind Direction(Degree)	30	30	45	330	360
Cloud Cover(Octa)	1	3	6	4	3

### Weather Summary/Alert:

Last seven days (11 to 17 February) observed no rainfall with maximum and minimum temperature varying between 21.0-26.0 and 4.4-8.6 oC, respectively. The weather was observed to be clear on most of the days during last week. The morning and evening relative humidity varied between 81-95% and 32-56%, respectively. The wind speed mostly ranged between 1.3-7.2 kmph blowing primarily from the west, west-north-west and south-south-west direction. The upcoming 5 day forecast shows very light rainfall of 5 mm with maximum and minimum temperature varying between 23.0-26.0oC and 7-9oC. The wind speed is expected to be 4-7 kmph from north-east, north-east-north, north and north-west-north. Light to moderate rain is likely to occur at few places on 20 February while dry weather is likely to prevail during rest of the period. A yellow warning regarding likely occurrence of thundercloud accompanied with lightening at isolated places has been given for 20 February.

### General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows good agricultural vigour in the region. The extended range forecast system shows deficient rainfall, normal maximum and below normal minimum temperature trend during 14 to 20 February.

### SMS Advisory:

As per the IMD forecast, light to moderate rainfall is expected so irrigation application should be scheduled accordingly and any kind of spray application should be avoided under windy condition.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Irrigation application should be done at flowering stage and on occurrence of pod borer attack, biological and chemical control methods should be used.

Crop (Stage)	Crop Specific Advisory
	The chemical spray should be done at 50% flowering stage and then two more sprays at an interval of 15 days.
LENTIL	Irrigation application should be done at flowering stage and on occurrence of pod borer attack, biological and chemical control methods should be used. The chemical spray should be done at 50% flowering stage and then two more sprays at an interval of 15 days.
MUSTARD	Irrigation application should be done at the time of pod formation and regular monitoring of mustard for pest and disease attack should be done. The pest and disease attacks should be controlled using recommended practices.
WHEAT	At flowering stage, irrigation should be applied to the crop and weed control practices should be followed in late sown crops. On regular monitoring for disease or pest occurrence in late sown crops, recommended practices should be followed.
BARLEY	At flowering stage, irrigation should be applied to the crop and weed control practices should be followed in late sown crops. On regular monitoring for disease or pest occurrence in late sown crops, recommended practices should be followed.
SUGARCANE	To get good yield, the new sugarcane crop should be cut and irrigation application along with hoeing-weeding operations should be carried out in the autumn sugarcane crop.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	Irrigation should be applied as required. Harvest the mature fruits.
CHILLI	Irrigation should be applied as required. Harvest the mature fruits.
BRINJAL	Transplanting of brinjal seedlings should be done during this month
FRENCH BEAN	Sowing can be done in this month.
POTATO	Harvest mature potatoes.
LEMON	Proper nutrition and irrigation should be given to the citrus plants to prevent flower drop.

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Cows/buffaloes should not only consume unrefined foods like barseem, agola, etc. Always use dry foods in standard quantities with green fodder. Destroy horn-buds of calves of cow/buffaloes at the age of one week.
COW	Cows/buffaloes should not only consume unrefined foods like barseem, agola, etc. Always use dry foods in standard quantities with green fodder. Destroy horn-buds of calves of cow/buffaloes at the age of one week.
GOAT	Treat and take good care of newborn lambs of sheep and goats.
SHEEP	Treat and take good care of newborn lambs of sheep and goats.

#### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	The temperatures have been observed to be higher from the normal during the winter months which may cause terminal heat stress in wheat and pod abortion in pulses so irrigation should be applied as and when required and suitable measures to control temperatures should be taken up.