



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 : 2025-11-21

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2025-11-21 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-11-22	2025-11-23	2025-11-24	2025-11-25	2025-11-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	27.0	27.0	27.0
Tmin(°C)	10.0	9.0	9.0	8.0	8.0
RH-I(%)	72	73	74	74	76
RH-II(%)	45	40	47	42	43
Wind Speed(kmph)	5	5	4	6	5
Wind Direction(Degree)	340	300	310	300	290
Cloud Cover(Octa)	0	0	0	0	0
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

Last week (14 to 20 November), the region experienced no rainfall with the maximum-minimum temperature ranging 26.5 to 27.6°C and 8.6 to 11.2°C, respectively. The morning and evening relative humidity varied between 88-97% and 22-49%, respectively while the wind blew from south, south-east, west-north-west, east-south-east and north-west direction at a speed ranging between 0.7-1.6 kmph. Last week the weather was cloudy on few days. The upcoming forecast shows no rainfall while maximum temperature is expected to be 27.0°C and minimum temperature would vary 8.0-10.0°C. The wind is expected to blow from north-north-west, north-west-west, north-west and west-north-west direction at a speed of 4-6 kmph. No warning has been issued for the upcoming week and the weather is expected to remain dry in the upcoming week.

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

No significant warning.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No significant impact on Agriculture or associated advisory.

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 dry pattern for rainfall, normal maximum and below normal minimum temperature trend during 21.11.2025 to 27.11.2025.

SMS Advisory:

As per IMD, dry weather conditions are expected to persist so rabi sowing should be completed and irrigation should be applied as required.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUGARCANE (Vegetative)	The crop should be monitored regularly and weeding-hoeing operations should be carried out at an interval of 25-30 days and irrigation application should be done as required.
PIGEON PEA (RED GRAM/ARHAR) (Maturity and Harvesting)	The early varieties should be harvested as and when 75-80% of the pods are mature while in case of late varieties, on occurrence of pod borer recommended practices should be taken up. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
CHICK PEA (Maturity and Harvesting)	The crop should be regularly monitored and at 25-30 and 45-50 days interval, weeding & hoeing of the crops should be done. In case of weedicide application chemicals such as 32 E.C. (Pendimethalin 32 EC + Imazethapyr 2 EC) 1.0 kg in 200-250 litre water can be applied. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
LENTIL (Maturity and Harvesting)	The crop should be regularly monitored and at 25-30 and 45-50 days interval, weeding & hoeing of the crops should be done. In case of weedicide application chemicals such as 32 E.C. (Pendimethalin 32 EC + Imazethapyr 2 EC) 1.0 kg in 200-250 litre water can be applied. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
MUSTARD (Vegetative)	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done. Check for the occurrence of pests and diseases. For the prevention of downy mildew Metalaxyl 35 WS or Ridomil MZ 72 @2 kg in 500 liters of water should be sprayed 1-2 times. The same prevention is also valid for white rust disease except Ridomil MZ 72 @2.5 kg in 800-1000 liters of water and should be sprayed 2-3 times. To control the aphid pest, apply Dimethoate 30 EC @500 ml when the pest is found above the economic threshold level (26-28 aphids per 10 cm upper branch of the stem on 10-15 plants) or Thiamethoxam 25 WG @100 g mixed in 600-700 liters of water per hectare should be sprayed at an interval of 10 days.
RAPESEED (Vegetative)	The late sown crops should be monitored and light irrigation should be given before flowering. After irrigation, top dressing of nitrogen should be done. Check for the occurrence of pests and diseases. For the prevention of downy mildew Metalaxyl 35 WS or Ridomil MZ 72 @2 kg in 500 liters of water should be sprayed 1-2 times. The same prevention is also valid for white rust disease except Ridomil MZ 72 @2.5 kg in 800-1000 liters of water and should be sprayed 2-3 times. To control the aphid pest, apply Dimethoate 30 EC @500 ml when the pest is found above the economic threshold level (26-28 aphids per 10 cm upper branch of the stem on 10-15 plants) or Thiamethoxam 25 WG @100 g mixed in 600-700 liters of water per hectare should be sprayed at an interval of 10 days.
WHEAT (Sowing)	The sowing of early maturing varieties should be done in the second fortnight of the month. Under dry conditions, first irrigation should be applied at an interval of 25-30 days.
BARLEY (Sowing)	Under irrigated conditions the crop should be sown in the second fortnight of the month.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
RADISH (Sowing)	The European variety can be sown @6-8 kg/ha and Asian variety @10-12 kg/ha while the line to line sowing distance should be 20-25 cm and plant to plant distance should be 8-10 cm.
VEGETABLE PEA (Physiological Maturity)	The crop is in the sensitive stage when pest and disease attack is prevalent so regular monitoring should be done and disease/pest control measures should be taken up. The mature pods should be harvested and made available in the market.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	With the changing weather, there is a high chance of Niomonina in newborn babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.
COW	After monsoon, various kinds of internal parasite may be generated in the food canal so medicine i.e. anthelmintic should be given to the animals firstly.

Likely impacts of weather warnings (General)

No significant impact.

Impact based advisories (General)

No weather based 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