



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



## Agromet Advisory Bulletin

**Date : 21-10-2022**

**Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-10-21(Valid Till 08:30 IST of the next 5 days)**

Parameter	2022-10-22	2022-10-23	2022-10-24	2022-10-25	2022-10-26
<b>Rainfall(mm)</b>	0.0	0.0	0.0	0.0	0.0
<b>Tmax(°C)</b>	31.0	30.0	20.0	30.0	30.0
<b>Tmin(°C)</b>	16.0	16.0	15.0	15.0	15.0
<b>RH-I(%)</b>	70	70	70	70	70
<b>RH-II(%)</b>	40	35	30	30	30
<b>Wind Speed(kmph)</b>	6.0	6.0	6.0	6.0	6.0
<b>Wind Direction(Degree)</b>	320	320	320	320	320
<b>Cloud Cover(Octa)</b>	2	1	1	1	1

### Weather Summary/Alert:

In the last seven days (14 – 20 Oct, 2022), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 30.5 to 31.2°C and 16.7 to 19.7°C respectively. Relative humidity ranges from 74 to 91 % at 0712 hrs and 48 to 55 % at 1412 hrs. The wind was mainly from the ENE, WNW & WSW with a speed of 0.6 to 5.2 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 31.0 deg C & 17.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NNW direction. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 26 October to 1 November.

### General Advisory:

IMD Weather forecast and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link Android:  
<https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS:  
<https://apps.apple.com/in/app/meghdoot/id1474048155>

### SMS Advisory:

In the coming five days, weather will remain clear. Vaccination of animals must be done to prevent them from "lumpy skin disease" which is a viral disease in cows and buffaloes.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
WHEAT	In an irrigated condition, wheat variety like- C 306, PBW 175, PBW 396, PBW 299, PBW 644 & WH 1080 should be sown in the second fortnight of October. Certified seed of wheat should be used for sowing. In case of uncertified seed, 2.5 g carbendazim or 1.5 g tebuconazole 2 DS per kg of seed should be used before sowing.
RICE	Threshing should be done after harvesting of paddy crop. For proper storage, harvested paddy should be drained properly so that the moisture content comes down to 12-14 %. In late maturing varieties of paddy, irrigate as per requirement at the time of grain formation and use chemicals as recommended for disease and pest control.
CHICK PEA	Sowing of gram should be done in the second fortnight of October. Small grain variety of gram like- Pant G-114, DCP 92-3, GNG-1581; Mid grain varieties like- Pant G-186 ; large seed variety like Pusa-256 and kabuli chana variety-Pant Kabuli chana-1 should be selected.
LENTIL	Farmers can sow the lentil varieties like-Pant L-406, Pant L-4,5,7,8,9, DPL-15, 62 in their fields.
BARSEEM	Sowing of berseem as a fodder crop should be done.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	Picking up the Bottle Gourd (Lauki), Ridged Gourd (Tori), Cucumber, Bitter Gourd (Karela) should be done and send them to the market for sale.
BRINJAL	If the field of Brinjal crop is not large and there is an attack of stem borer, then effected branches should be separated by cutting it from 1 inch below of the effected portion with sharp knife or blade.
TOMATO	Field should be prepared for tomato and leveled it by ploughing. The amount of fertilizers, 120 Kg N, 80 Kg P and 80 Kg K are recommended for Tomato crop.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Lumpy skin disease is a viral disease that occurs in cows and buffaloes. Lumpy skin disease causes lumps to form on the body, especially around the head, neck, and genitals. Gradually these lumps start growing and a wound is formed. The LSD virus is easily transmitted by blood-sucking insects such as mosquitoes and flies. It is also spread through contaminated water, saliva and feed. In lumpy skin disease, animals get high fever and milch animals stop giving milk, female animals get abortions, animals also die. Sick animals should be kept separate from healthy animals, if infection is reported in any animal in or near the animal shelter, then healthy animals should always be kept separate from them. Animals showing symptoms of disease should not be bought, animals should not be taken to fair, market and exhibition. Measures should be taken to control the number of pests in the livestock, mainly mosquito, fly, flea and chinch should be properly managed. Materials used in the examination and treatment of sick animals should not be thrown in the open. If you see an animal with any unusual symptoms in or near your animal shelter, it should be reported to the nearest veterinary hospital immediately. The worker of one cattle shed should not go to another cattle shed, along with this, the animal owners should also pay attention to the cleanliness of their body. If an animal infected with lumpy skin disease dies, its body should be disposed of properly so that the disease does not spread further. Therefore, after the death of the animal, it should be buried in the ground. If an animal dies after suffering from skin disease for a long time, it should be taken away and buried in a pit. ICAR-National Research Center on Equine (ICAR-NRCE), Hisar (Haryana) in collaboration with ICAR-Indian Veterinary Research Institute (IVRI), Izzatnagar, Uttar Pradesh has developed a vaccine "Lumpi-Provakind". So, Animals should be vaccinated. Animals can be saved if they are taken care of at the right time and kept away from other animals.