



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 : 20-01-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-01-20(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-01-21 | 2023-01-22 | 2023-01-23 | 2023-01-24 | 2023-01-25 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 1.0 | 0.0 | 0.0 | 0.0 | 12.0 |
| Tmax(°C) | 20.0 | 22.0 | 23.0 | 24.0 | 22.0 |
| Tmin(°C) | 9.0 | 10.0 | 11.0 | 12.0 | 12.0 |
| RH-I(%) | 70 | 70 | 70 | 75 | 80 |
| RH-II(%) | 30 | 30 | 30 | 35 | 35 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 8.0 | 12.0 |
| Wind Direction(Degree) | 230 | 220 | 250 | 110 | 110 |
| Cloud Cover(Octa) | 1 | 0 | 0 | 5 | 8 |

Weather Summary/Alert:

In the last seven days (13 - 19 Jan, 2022), there was 3.8 mm rain and the sky was clear. The maximum & minimum temperatures ranged between 14.0 to 22.6°C and 2.9 to 10.0°C respectively. Relative humidity ranges from 74 to 97 % at 0712 hrs and 41 to 50 % at 1412 hrs. The wind was mainly from the ESE, WNW & WSW with a speed of 0.6 to 8.6 km/hour. In the coming five days, very light rainfall on 20 Jan & light rain on 24 Jan may occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 20.0-24.0 deg C & 9.0 - 12.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the SW & ESE direction. Warning: Thunderstorm accompanied with hail, lightning and intense shower likely to occur at a few places on 24 Jan.

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> Necessary arrangement of nutrients should be done for crops and weeding, hoeing and irrigation should also be done. To save the animals from the cold, proper arrangement of the animal shed should be done. Farmers are advised to irrigate the crops and spray of chemicals should be by keeping in view the weather forecast.

SMS Advisory:

In the coming five days, very light rainfall on 20 Jan & light rain on 24 Jan may occur. Thunderstorm accompanied with hail, lightning and intense shower likely to occur at a few places on 24 Jan.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| WHEAT | Second irrigation should be given at 40-45 days of sowing. If there is highly occurrence of broad leaf weed in the wheat crop, then solution of 500g AI of 2,4D or 4g of metsulfuron methyl or 20g of carfentrazone in 500-600 liter of water should be sprayed @ per hectare with the help of flat fan nozzle after 40-45 days in December sown wheat crop. |
| LENTIL | In lentil and gram crop, first irrigation should be given before flowering and second irrigation at the time of pod formation. Solution of 2 % Urea should be given at the time of flowering in gram and lentil. Second irrigation should be given after 10-15 days of first irrigation. 600-700 liter of water/ Ha should be used. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| MANGO | Nitrogen dose should be kept on increases @ 100g/tree/year till the age of 10year. After the age of 10year, Nitrogen @ 1Kg/tree should be applied. So, 2-2Kg Urea is needed for the fruit trees of age 10year or above. |
| TOMATO | To control the late blight disease in tomato, Mancozeb 75% @ 2.5g/liter should be sprayed. Spraying should be done by keeping in view the weather forecast. |
| POTATO | To control the late blight disease in Potato, Mancozeb 75% @ 2.5g/liter should be sprayed. Spraying should be done by keeping in view the weather forecast. |
| CHILLI | To control the Mite in chilly, diafenthiuron 50WP @ 600g/Ha or Lambda cyhalothrin 5EC @ 300ml/Ha should be sprayed and in this case fruit may be used after 5 days of spraying. Spraying should be done by keeping in view the weather forecast. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| BUFFALO | Sitting place of animals should be leveled so that their productive capacity is not affected and special care should be given to the new born animals. • To save the animal from cold, dry grasses, paddy residue (Puwal) etc which are not used as fodder for animals should be used as a bedding material for animals in sheds. Door and window should be covered properly so that cold wind could not be entered in the animal shed. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| HEN | There is a chance of Aflatoxicosis disease in Poultry due to occurrence of fungus in the food which causes to death of poultry birds. So, medicine should be administered to the poultry birds only on the advice of veterinarian. |