



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 : 16-12-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-12-16(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-12-17 | 2022-12-18 | 2022-12-19 | 2022-12-20 | 2022-12-21 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 21.0 | 22.0 | 22.0 | 23.0 | 23.0 |
| Tmin(°C) | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 |
| RH-I(%) | 90 | 90 | 90 | 90 | 90 |
| RH-II(%) | 30 | 30 | 30 | 30 | 30 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 320 | 330 | 330 | 330 | 330 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 0 | 0 |

Weather Summary/Alert:

In the last seven days (9 - 15 Dec, 2022), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 21.4 to 27.0°C and 4.9 to 8.9°C respectively. Relative humidity ranges from 94 to 97 % at 0712 hrs and 30 to 49 % at 1412 hrs. The wind was mainly from the WNW with a speed of 0.2 to 2.0 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 21.0-23.0 deg C & 4.0 - 5.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the NNW & NW direction. As per ERF, rainfall will be below normal, maximum & minimum temperature will be normal respectively in the state from 21 to 27 December.

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> Deep plowing of orchard should be done to destroy Mig insect, fruit fly, Gujjiya keet and webber insect which remain in the field. In Pulse crop, if labour are available then weeding should be done at the interval of 20-25 days and 35-40 days after sowing.

SMS Advisory:

In the coming five days, weather will remain clear. Farmers are advised to irrigate the crop as per requirement.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| WHEAT | In timely sown wheat, first irrigation should be given after 20-25 days of sowing. After 3-4 days of first irrigation, remaining dose of Nitrogen should be applied as top dressing in the afternoon. To control the weed in the wheat, first and second weeding and hoeing should be done after 25-30 days and 45-50 days of sowing respectively. Sowing of late sown variety of wheat should be done till 25 December. In case of late sowing, decrease in temperature has an adverse effect on germination and growth of wheat crop. So it is advise that seed rate should be 25% more. Sowing should be done at a distasnce of 15-18 cm in lines and at a depth of 3-4 cm. |
| BARLEY | Late sowing of barley varieties like jyoti, manjula, RS 6 should be done till second fortnight of December. |
| SUGARCANE | Weeding and hoeing should be done in the sugarcane crop and remaining dose of nitrogen should be applied on time. |
| MUSTARD | To control the leaf spot disease in mustard, solution of mancozeb @ 2.5 g/liter of water should be sprayed. |
| CHICK PEA | Weeding and hoeing is necessary two times in the timely sown gram crop. First weeding and hoeing should be done after 25-30 days of sowing and second 45-50 days after sowing and after first irrigation. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| TOMATO | On the occurrence of yellowish brown spot in tomato, mancozeb 2.5-3g/lit of water should be sprayed. |
| BRINJAL | On the withering of brinjal, solution of carbendazim @1 g/ lit of water should be sprayed. If whole plant is drying then root should be irrigated with the same solution. |
| CHILLI | On the shrinkage or getting piebald of upper leaves of chilly and tomato, infected plants should be removed and destroyed. To control the disease carried insects any sarvangi insecticide should be sprayed. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| COW | With the changing weather, there is a high chance of Pneumonia in new born babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals. |