



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 : 05-07-2024

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2024-07-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-07-06	2024-07-07	2024-07-08	2024-07-09	2024-07-10
Rainfall(mm)	70.0	80.0	80.0	30.0	40.0
Tmax(°C)	19.0	16.0	16.0	15.0	18.0
Tmin(°C)	15.0	14.0	14.0	14.0	14.0
RH-I(%)	95	95	95	95	95
RH-II(%)	70	70	70	65	65
Wind Speed(kmph)	6	6	6	6	6
Wind Direction(Degree)	110	110	110	110	110
Cloud Cover(Octa)	8	8	8	5	7

Weather Summary/Alert:

The upcoming week predicts heavy to very heavy rainfall of 30-80 mm and maximum-minimum temperature varying between 15.0-19.0°C and 14.0-15.0°C, respectively. The wind is expected to blow from east-south-east direction at a speed of 6 kmph. Light to moderate rainfall is likely to occur at most places on 5 & 6 July, light to moderate rainfall is likely to occur at most places in Nainital on 7th July. Light to moderate rainfall is likely to occur at many places during rest of the period. A red alert regarding very heavy rain is likely to occur at a few places on 5 to 6 July. Similar red alert has been given for occurrence of thunderstorm accompanied with lightning / intense to extremely intense rain spells which are likely to occur at isolated places on 5 and 6 July. An orange alert regarding occurrence of heavy to very heavy rainfall has been given for few places on 7 July. Similar orange alert has been given for thunderstorm accompanied with lightning/ intense to extremely intense rainspell at isolated places in Nainital on 7July. A yellow alert regarding occurrence of thunderstorm accompanied with lightning/gusty winds/intense to very intense rain spell is likely to occur at isolated places in Nainital on 8 to 9 July.

General Advisory:

The rainy season has arrived so for regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.15-0.40. The extended range forecast shows normal rainfall and below normal maximum-minimum temperature trend during 05.07.2024 to 11.07.2024.

SMS Advisory:

Red, orange and yellow alert has been given by IMD so the farming activities like sowing, chemical application and drainage arrangements should be made accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Avoid water logging and provide open drains to provide proper drainage. Gap filling should be done in case of seedling damage. Application of fertilizers in the field should be delayed for the time being as per the forecasted conditions.
PIGEON PEA (RED GRAM/ARHAR)	Proper drainage should be provided in the field and any kind of farming operations should be postponed under the forecasted conditions.
KIDNEY BEANS/ RAJMA (Sowing)	The sowing should be delayed under the current forecasted conditions and proper drainage should be provided in the already sown crop field.
GREEN GRAM (Sowing)	The sowing should be delayed under the current forecasted conditions.
BLACK GRAM (Sowing)	The sowing should be delayed under the current forecasted conditions.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Harvesting)	The forecasted weather conditions might act congenial for late blight in Potato so mature crop should be harvested and stored well to avoid spoilage while the chemical spray should be delayed for the time being and scheduled as per the forecast. Proper drainage should be provided.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and immediately send to market to avoid spoilage. Any kind of chemical spray against disease/pest should be avoided as per the forecasted heavy rainfall and strong windy conditions.
TOMATO (Harvesting)	The harvesting of the ripened crop should be done and sent to market immediately. As there are chances of occurrence of disease/pest so the chemical sprays should be scheduled as per the forecast and avoided under current conditions. Polyhouse/ shadenets should be provided to protect the mature fruits.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Get animals vaccinated to protect them from infectious diseases. At the beginning of the monsoon, a sudden strong heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic Do it with the help of the nearest veterinarian. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and keep proper drainage system.
COW	Get animals vaccinated to protect them from infectious diseases. At the beginning of the monsoon, a sudden strong heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic Do it with the help of the nearest veterinarian. Looking at the weather forecast, there is a possibility of rain stagnation in the cattle shed. Do not allow water to collect and keep proper drainage system.