



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 : 28-06-2024

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2024-06-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-06-29	2024-06-30	2024-07-01	2024-07-02	2024-07-03
Rainfall(mm)	20.0	20.0	40.0	30.0	40.0
Tmax(°C)	21.0	20.0	20.0	19.0	19.0
Tmin(°C)	14.0	13.0	13.0	13.0	12.0
RH-I(%)	75	90	95	95	95
RH-II(%)	40	40	50	50	55
Wind Speed(kmph)	6	6	8	6	4
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	3	6	8	8	8

Weather Summary/Alert:

The upcoming week predicts moderate to heavy rainfall of 20-40 mm and maximum-minimum temperature varying between 19.0-21.0°C and 12.0-14.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 4-8 kmph. Light to moderate rainfall likely to occur at most places in Nainital and on 28th June to 2 July. An orange alert has been given regarding the occurrence of heavy to very heavy rainfall at isolated places of Nainital on 29 June while a yellow alert has been given regarding the occurrence of thunderstorm accompanied with lightening/gusty winds/Intense rainspell at isolated places on 28th June to 2nd July, 2024. Heavy rain is likely to occur at isolated place in Nainital on 28th & 30th June, 2024.

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 0.1-0.45. The extended range forecast shows deficient rainfall and normal maximum and normal minimum temperature trend during 28.06.2024 to 04.07.2024.

SMS Advisory:

As per the IMD forecast, moderate to heavy rainfall accompanied by thunderstorm/lightning is expected so proper drainage for excess water should be provided in the fields.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Preparation of nurseries and addition of fertilizer should be done but the farming operations should be scheduled as per the rainfall forecast. Protect the seedlings from rainfall impact with shade nets. Proper drainage should be provided under heavy rainfall impact.
PIGEON PEA (RED GRAM/ARHAR)	The farming operations should be scheduled as per the rainfall forecast and proper drainage should be provided in case of heavy rainfall.

Crop (Stage)	Crop Specific Advisory
(Seedling Growth)	
KIDNEY BEANS/ RAJMA (Sowing)	The sowing can be delayed under the predicted weather conditions and proper drainage should be provided in the already sown crop..
BLACK GRAM (Sowing)	Sowing can be delayed under the predicted rainfall conditions and proper drainage should be provided in the already sown crop.
GREEN GRAM (Sowing)	Sowing can be delayed under the predicted rainfall conditions and proper drainage should be provided in the already sown crop.
MAIZE (Germination)	The farming operations in the crop should be scheduled as per the rainfall predictions and proper drainage conditions should be maintained in the field.
FINGER MILLET (Germination)	The farming operations should be scheduled as per the predicted rainfall conditions and proper drainage should be maintained in the field.
BARNYARD MILLET (Sowing)	The farming operations should be scheduled as per the predicted rainfall conditions and proper drainage should be maintained in the field.
SOYABEAN (Germination)	The farming operations should be scheduled as per the predicted rainfall conditions and proper drainage should be maintained in the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO (Harvesting)	Farmers should harvest the ripened tomato crop and protect the crop from harm due to adverse weather conditions using shade nets/polynets. Provide proper drainage in the field.
FRENCH BEAN (Harvesting)	Harvest the ripened crop and schedule the farming operations as per the rainfall forecast. Provide proper drainage in the fields.
POTATO (Physiological Maturity)	The harvested crop should be stored well and the other farming operations should be scheduled as per the forecast. Provide proper drainage in the field.
PEACH (Harvesting)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Schedule farming operations as per the forecast.
PLUM (Harvesting)	Harvest mature fruits and provide shadenet protection to avoid damage under adverse weather conditions. Schedule farming operations as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.
COW	Don't, leave the animals in open under thunderstorm/lightning and intense rainspell conditions. Provide proper shelter and don't let them get wet in the rains.