



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 : 30-06-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-06-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-01	2023-07-02	2023-07-03	2023-07-04	2023-07-05
Rainfall(mm)	20.0	15.0	15.0	40.0	45.0
Tmax(°C)	22.0	23.0	24.0	25.0	24.0
Tmin(°C)	14.0	15.0	16.0	16.0	15.0
RH-I(%)	95	90	90	95	95
RH-II(%)	75	75	70	70	75
Wind Speed(kmph)	5	5	5	5	6
Wind Direction(Degree)	70	135	135	135	135
Cloud Cover(Octa)	7	7	3	6	6

Weather Summary/Alert:

The upcoming five days show moderate to heavy rainfall between 15 to 45 mm in the district from 30.06.2023 to 04.07.2023. The maximum and minimum temperature would vary 22.0-25.0 degree celsius and 14.0-16.0 degree celsius. The wind speed would range from 5-6 kmph and wind direction would predominantly be east-south-east. Warning: Yellow alert has been issued for 1-4 July where warning of heavy rainfall has been predicted alongwith thunderstorm accompanied with lightning & intense / very intense spell at isolated places in hills of Uttarakhand.

General Advisory:

According to the extended range forecast from 23/06/2023 to 06/07/2023 shows normal rainfall in Uttarakhand district with the deviation from normal ranging between -2 to -16% the mixed NDVI composite map obtained from the India Meteorological Department indicated that the NDVI ranged between 0.2-0.35 that symbolizes moderate agricultural power in the district . As the rainy season is arriving farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get power information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions for the suitable farming activities.

SMS Advisory:

Yellow alert has been issued for 1-4 July where warning of heavy rainfall has been predicted alongwith thunderstorm accompanied with lightning & intense / very intense spell at isolated places in hill

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Application of fertilizers should be done as 1/4 N and full P and K at the time of sowing . If cowdung is being used then apply it 15-20 days earlier and use 1/2 N (10-15 kg).In the valley, transplanting of paddy should be completed by the first week of the month. Arrangement for irrigation and proper drainage of water should be done in the field before transplanting of paddy.
KIDNEY BEANS/ RAJMA	Rajma sowing should be done in the first week of the month.
GREEN GRAM	Sowing of moong should be done as soon as possible. For seed treatment, treat the bio-controller Trichoderma powder at the rate of 5 grams per kg of seed.
BLACK GRAM	Urad sowing should be completed in the first week of the month. For seed treatment, treat the bio-controller Trichoderma powder at the rate of 5 grams per kg of seed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	The potato crop should be sprayed with a solution of mancozeb or copper oxychloride for the disease of the late blight. Farmer brothers, spraying should be done keeping the weather forecast in mind.
FRENCH BEAN	Harvest the ripened crop and to control Anthracnose which may occur due to rainfall can be avoided by spraying Carbendazim 50% W.P. @ 1 g/l.Farmer brothers, spraying should be done keeping the weather forecast in mind
TOMATO	Farmers should harvest the ripened tomato crop. There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and spray allpurpose insecticides to control sapsucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Farmer brothers, spraying should be done keeping the weather forecast in mind.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Don't leave the animal in the monsoonal rain because this may lead the irritation in the skin of animals. Make the necessary arrangements to save the animals during adverse weather. Give deworming to the animals on the recommendation of veterinarian
BUFFALO	To save the animals from infected disease, vaccination should be done on the recommendation of veterinarian. Don't leave the animal in the monsoonal rain because this may lead the irritation in the skin of animals. Make the necessary arrangements to save the animals during adverse weather. Give deworming to the animals on the recommendation of veterinarian