



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 : 17-09-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-09-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-18	2021-09-19	2021-09-20	2021-09-21	2021-09-22
Rainfall(mm)	4.0	1.0	15.0	16.0	15.0
Tmax(°C)	28.0	30.0	30.0	28.0	28.0
Tmin(°C)	18.0	20.0	21.0	20.0	20.0
RH-I(%)	95	90	95	95	90
RH-II(%)	70	60	80	80	85
Wind Speed(kmph)	4.0	5.0	5.0	4.0	5.0
Wind Direction(Degree)	25	70	90	70	45
Cloud Cover(Octa)	5	3	6	8	8

Weather Summary/Alert:

Very light to light rain may likely occur in the coming five days. Maximum & minimum temperature may range from 28.0 to 30.0 deg C & 18.0 to 21.0 deg C respectively. Wind will blow with a speed of 4.0-5.0 km/hr from the NNE & E direction. As per ERFS products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 22 - 28 September in the state. Warning: Thunderstorm accompanied with lightning and intense showers at isolated places from 19-21 September.

General Advisory:

Farmers are advised to download the "DAMINI App" to get the lightning activity and "Meghdoot App" to get past week weather, weather forecast, and agromet advisory. DAMINI and Meghdoot App can be downloaded from the google play store (Android users) and App Center (IOS users). NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.45 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly dry conditions in the district for the past 4 weeks.

SMS Advisory:

Very light to light rain may likely occur in the coming five days. Farmers should spray chemicals in clear weather by keeping in view the weather forecast.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In the valley and low altitude mountainous areas, when the crop of Cheti / Jethi / planted paddy is ready, harvesting should be done when the weather is clear by keeping in mind the weather forecast. In mid hills, remove and destroy the weed host in the field bunds and channel. Avoid the flow of irrigation water from the disease infected field to healthy fields and when diseases and pests come, control according to the need keeping in mind the weather forecast.

Crop(Varieties)	Crop Specific Advisory
HORSE GRAM	When the short duration variety of horse gram is ready, harvest it by keeping in mind the weather forecast and keep monitoring the late maturing crops and if there is a problem of disease or pest in the species, spray chemicals as per the recommendation in clear weather.
SOYABEAN	Keep monitoring the crop. To control the caterpillar pest and stem borer, spraying of chlorantraniliprole 18.5 SC @ 150ml /700-800 liters of water per hectare should be done. Spraying should be done in clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	In hilly areas, onion can be sown in Rabi season from September to October. For sowing in nursery, 8-10 kg seed per hectare is sufficient for Rabi.
POTATO	In the valley area, prepare the field for potato crop and sow Kufri Jyoti variety in the last week of this month.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	After 15 days of the birth of the calves, calcium, magnesium, phosphorus, zinc, iron, iodine, copper elements should be given in the form of salt mixture or mineral drops. Due to their deficiency, the cows start eating the soil, due to which they become infected with roundworms and coccidiosis disease.