



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 : 21-09-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-09-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-22	2021-09-23	2021-09-24	2021-09-25	2021-09-26
Rainfall(mm)	30.0	25.0	15.0	40.0	35.0
Tmax(°C)	22.0	21.0	22.0	21.0	21.0
Tmin(°C)	14.0	13.0	14.0	14.0	14.0
RH-I(%)	95	95	90	95	95
RH-II(%)	70	75	75	70	75
Wind Speed(kmph)	6.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	140	140	130	130	100
Cloud Cover(Octa)	5	8	3	3	5

Weather Summary/Alert:

Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 21.0 to 22.0 deg C & 13.0 to 14.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the SE direction. As per ERFIS products rainfall & minimum temperature will be above normal and maximum temperature will be normal from 26 September - 2 October in the state. Warning: Heavy rainfall and thunderstorm accompanied by lightning and intense showers at isolated places in hills from 21-25 September.

General Advisory:

NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.5 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. There is a forecast of light to moderate rain in the coming five days, spraying of chemicals should be postponed and proper drainage should be maintained in the field.

SMS Advisory:

Keeping in view the forecast of light to moderate rain in the coming days, farmers are advised to keep harvested mature crops safe place.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	In view of the possibility of rain in the coming days, stop the harvesting of Cheti / Jethi / transplanted paddy in the valley and low altitude mountain areas till the weather is clear and keep the harvested crop in safe place. In mid-hills, remove and destroy the weed host in the field bunds and channel. Avoid the flow of water from the disease-infected field to healthy fields.
HORSE GRAM	In view of the possibility of rain in the coming days, postpone the harvesting of gram crop now and do it when the weather is clear.
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 the Rabi season from September to October. For sowing in the 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 a 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.