



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 : 13-08-2021

Weather Forecast of NAINITAL(Uttarakhand) Issued On : 2021-08-13(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-08-14 | 2021-08-15 | 2021-08-16 | 2021-08-17 | 2021-08-18 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall | 30.0 | 35.0 | 35.0 | 20.0 | 10.0 |
| Tmax(°C) | 20.0 | 20.0 | 20.0 | 21.0 | 22.0 |
| Tmin(°C) | 15.0 | 14.0 | 14.0 | 14.0 | 15.0 |
| RH-I(%) | 95 | 95 | 90 | 85 | 85 |
| RH-II(%) | 70 | 65 | 65 | 60 | 55 |
| Wind Speed(kmph) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Wind Direction(Degree) | 90 | 120 | 120 | 120 | 120 |
| Cloud Cover(Octa) | 7 | 5 | 4 | 2 | 1 |

Weather Summary/Alert:

Light to moderate rain may likely occur in the coming five days. Maximum & minimum temperature may range from 20.0 to 22.0 deg C & 14.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the ESE direction. As per ERFs products, rainfall will be below normal, maximum temperature above normal and minimum temperature will be normal from 18 - 24 August in the state. Warning: There is a warning that heavy rainfall with intense spells is likely to occur at isolated places from 13 to 15 August.

General Advisory:

In view of the second wave of Corona (Covid-19), the farmers are advised to follow the guidelines given by the Government of India, personal hygiene, use of masks, washing hands at appropriate intervals during agricultural operations. NDVI & SPI map received from the India Meteorological Department dated indicated that the NDVI ranged between 0.1-0.35 for Nainital i.e. agriculture vigor is moderate in the district. SPI map indicates the mildly wet conditions in the district for the past 4 weeks. Farmers can download "Meghdoot" and "Damini" mobile apps on their smartphones from Google Play Store for free to get timely weather forecasts and district-wise Agromet advisory bulletins and lightning information.

SMS Advisory:

Light to moderate rain may likely occur in the coming five days.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| MAIZE | Keeping in view the rainfall forecast, farmers are advised to postpone the irrigation. |
| RADISH | Transplanting of an early variety of radish should be done. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| GUAVA | Evergreen fruit plants like Mango, guava, Lemon, papaya, Litchi, etc should be planted this month. In case of heavy rainfall, it is advised that proper drainage should be made from the basins of the fruit plant. |
| PUMPKIN | Matured chappan kaddu should be sent to the market. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| COW | At the age of one month, give the dose of piperazine @ 1 ml per kg body weight to the newborn calf/calves. |
| BUFFALO | After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in the morning and evening hours for three days to clean the womb with the consultation of a veterinarian. |