



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 : 17-02-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-02-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-18	2023-02-19	2023-02-20	2023-02-21	2023-02-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	20.0	21.0	22.0	23.0	22.0
Tmin(°C)	8.0	10.0	11.0	12.0	11.0
RH-I(%)	80	80	75	75	75
RH-II(%)	30	35	35	30	30
Wind Speed(kmph)	6.0	6.0	6.0	8.0	8.0
Wind Direction(Degree)	230	320	100	120	120
Cloud Cover(Octa)	2	2	2	6	3

Weather Summary/Alert:

In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 20.0 to 23.0 deg C & 8.0 to 12.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the SW, NW, ESE & E direction. As per ERF, the rainfall, maximum and minimum temperature will be normal in the state from 22 to 28 February. Warning (yellow alert): Maximum temperature likely to remain above normal by 6 to 8°C in the district during 17 to 20 Feb.

General Advisory:

High diurnal variation in temperature is conducive for the spread of cold and flu. People (especially the children and elderly) are advised to wear woolen/warm clothes during morning/night times to be protected from diurnal variation in temperature. There is a high chance of reduction in soil moisture for agriculture field/orchards due to high temperature so, farmers are advised to irrigate the crops/orchards to reduce the impact of high temperature. IMD Weather forecast, and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link
Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155>

SMS Advisory:

In the coming five days, weather will remain clear. Farmers are advised to irrigate the crops/orchards to reduce the impact of high temperature.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	In case of no rain, light irrigation should be given at flowering stage in the wheat crop sown in irrigated condition and in non-irrigated crop, foliar spray of solution of 2 percent urea @ 18-20 liters per furrow should be done.
MUSTARD	Harvest rapeseed and yellow mustard when they are ready. In plain areas, irrigate as per requirement at the grain filling stage in mustard crop.
LENTIL	Irrigation should be arranged as per requirement in lentil crop at grain filling stage.
FIELD PEA	When the grain is formed in the pods, irrigate it according to the availability of water when there is lack of moisture in the field.
SUGARCANE	120 Kg Nitrogen, 60 Kg Phosphorous and 40 Kg Potash are used for spring season sugarcane crop, 1/3rd dose of Nitrogen and complete dose of phosphorous and potash should be used as basal application. For sowing of sugarcane crop, 40-50 thousand sugarcane pieces/hectare with three eyes should be used for the purpose. Sowing of sugarcane crop should be completed up to 15th March.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
APPLE	To make best quality fruit plants of temperate fruit plants, start tongue grafting in the nursery. Sowing of fruit crops like-apple, pear, plum, wall nut etc should be started.
OKRA/ LADYFINGER	Field should be prepared for sowing okra.
CAPSICUM	In valley regions, sowing of capsicum should be done @ 1-1.5 kg/ha.
BRINJAL	In irrigated valley, sowing of brinjal should be done.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Disbudding or Destroy the horn buds of calves of cow/buffalo at the age of one week.
SHEEP	Goats and sheep should be vaccinated by sheep/goat pox to protect them from chickenpox.