



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 16-06-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-06-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-06-17	2023-06-18	2023-06-19	2023-06-20	2023-06-21
Rainfall(mm)	0.0	5.0	8.0	7.0	5.0
Tmax(°C)	28.0	25.0	22.0	20.0	21.0
Tmin(°C)	13.0	13.0	14.0	13.0	13.0
RH-I(%)	70	75	80	80	75
RH-II(%)	30	30	30	30	35
Wind Speed(kmph)	6	6	8	8	6
Wind Direction(Degree)	230	70	70	70	70
Cloud Cover(Octa)	1	3	4	3	2

Weather Summary/Alert:

In the coming five days, there is likely occurrence of light to moderate rainfall from 17-19 June. Maximum & minimum temperature may range from 20.0 to 28.0 deg C & 13.0 to 14.0 deg C, respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the East-north-East direction. Warning: Light to moderate rain/thunderstorm likely to occur at few places in hills on 17 June while on 18, 19 and 20 June there is likely occurrence of light to moderate rain/thunderstorm at most places of Uttarakhand.

General Advisory:

According to the extended range forecast, the predicted trend shows that there was large deficient rainfall of -60% or less from normal in the Nainital district. The mixed NDVI composite map obtained from the India Meteorological Department indicated that the NDVI between 0.2-0.35 for Nainital i.e. agricultural power in the district is moderate. 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).

SMS Advisory:

Light to moderate rain/thunderstorm likely to occur at few places in hills on 17 June while on 18, 19 and 20 June similar conditions might occur in most places of Uttarakhand

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Stage : nursery Under irrigated condition, transplanting should be completed in the second fortnight of the month in valley and low hilly areas.
MAIZE	Stage : Sowing Maize sowing should be completed in the lower and middle hilly regions. The weeds can be controlled using Atrazine spray @50 W.P. after 2-3 days of sowing
FINGER MILLET	Stage : Sowing Sowing of Mandua, Jhangora, Kakun and Ramdana in hilly areas should be completed by this fortnight.

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Weeding and thinning of the last month sown crop should be done.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Stage: harvesting The potato crop should be sprayed with a solution of mancozeb or copper oxychloride for the disease of the late blight.
PEACH	Stage : Harvesting Manage drainage in apple, peach, pear, plum and apricot garden and harvest mature fruits
FRENCH BEAN	Stage: harvesting 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.
TOMATO	Stage : Harvesting 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 all-purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Farmer brothers, keep in mind that spraying should be done keeping the weather forecast in mind.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided.
BUFFALO	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water.