



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



Agromet Advisory Bulletin

Date: 16.07.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-07-16 (Valid Till 08:30 IST of the next 5 days)

Parameter	17/07/2024	18/07/2024	19/07/2024	20/07/2024	21/07/2024
Rainfall (mm)	40.0	20.0	15.0	25.0	30.0
Max Temp (°C)	24.0	22.0	22.0	23.0	22.0
Min Temp (°C)	17.0	16.0	16.0	17.0	17.0
Max RH I (%)	95	95	95	95	95
Min RH II (%)	65	70	70	65	70
Wind speed (km/h)	6	6	6	4	6
Wind direction	130	130	130	130	130
Cloud cover	7	8	6	6	7

Weather Summary/ Alert:

The upcoming week predicts moderate to heavy rainfall of 15-40 mm and maximum-minimum temperature varying between 22.0-24.0°C and 16.0-17.0°C, respectively. The wind is expected to blow from south-east at a speed of 4-6 kmph. Light to moderate rainfall likely to occur at most places in Nainital on 17th & 18th July. Light to moderate rain is likely to occur at many places in Nainital on 16th, 19th & 20th July, 2024. A yellow warning regarding the likely occurrence of heavy rain at isolated places has been given for Nainital from 16th, 17th, 19th & 20th July. Similar yellow warning has been given for the occurrence of thunderstorm accompanied with lightening/ Intense spell of rain likely at isolated places on 16 to 20 July.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.15-0.40. The extended range forecast shows deficient rainfall, above normal maximum and normal minimum temperature trend during 12.07.2024 to 18.07.2024.

SMS Advisory:

As per the IMD forecast, moderate to heavy rainfall has been predicted so proper drainage should be maintained in the field and the farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Sowing/ Transplanting	Provide proper drainage and in case of seedling damage due to intense rain spell or gusty winds, gap filling should be done. Fertilizer application should be scheduled as per the forecasted conditions.
Pigeon pea/Red gram/Arhar	Seedling growth	Proper drainage should be provided and farming operation like weeding-hoeing or chemical application should be scheduled as per the forecast.

Rajma/Kidney beans/	Sowing	The sowing should be scheduled as per the forecast and proper drainage should be provided to avoid water stagnation.
Black gram/ Green gram	Sowing	The sowing should be scheduled as per the forecast and proper drainage should be provided to avoid water stagnation.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato	Harvesting	Farmers should harvest the ripe tomato crop and there is possibility of viral disease occurrence after rain so destroy the infected plants and use insecticides to control sap-sucking insects. Spray all-purpose pesticides such as Mancozeb 2.5 gram/litre of water or copper oxychloride 3.0 gram/litre in water for prevention of blight outbreak. The spraying should be scheduled as per the forecast.
Frenchbean	Harvesting	Harvest ripe crops and control rain caused diseases like black rot. Spray Carbendazim 50% WP at the rate of 1 gram/litre. The spray should be scheduled as per the forecast.
Potato	Harvesting/ Physiological maturity	Harvest the mature crop and store well. Use of Mancozeb or Copper Oxychloride solution for the late blight disease of potato crop. Spraying should be scheduled as per the forecast.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/ Buffalo	Get animals vaccinated to protect them from infectious diseases. Protect animals from heavy rains because it causes skin irritation like disorders. Outbreak of worms increases in these seasons and to avoid this use of anthelmintic with the recommendation of the nearest veterinarian. Avoid possibility of rain stagnation in the cattle shed and provide proper drainage system.