



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: 09.07.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-07-09 (Valid Till 08:30 IST of the next 5 days)

Parameter	10/07/2024	11/07/2024	12/07/2024	13/07/2024	14/07/2024
Rainfall (mm)	20.0	35.0	40.0	20.0	25.0
Max Temp (°C)	19.0	19.0	18.0	16.0	18.0
Min Temp (°C)	15.0	16.0	15.0	14.0	14.0
Max RH I (%)	75	80	95	95	90
Min RH II (%)	50	65	70	70	70
Wind speed (km/h)	6	7	6	6	5
Wind direction	130	130	130	130	130
Cloud cover	3	4	8	8	4

Weather Summary/ Alert:

The upcoming week predicts moderate to heavy rainfall of 20-40 mm and maximum-minimum temperature varying between 16.0-19.0°C and 14.0-16.0°C, respectively. The wind is expected to blow from and south-east at a speed of 5-7 kmph. Light to moderate rainfall likely to occur at most places on 10, 11 and 12 July. Light to moderate rain likely to occur at many places in Nainital on 13th July. Light to moderate rain likely to occur at a few places in Nainital on 9th July. A yellow warning regarding occurrence of heavy rainfall on 11th July and at isolated places in Nainital on 10th July. Similar, yellow warning has been given for thunderstorm accompanied with lightening/gusty winds/Intense rain spell at isolated places on 10th & 12th July.

General Advisory:

The rainy season has arrived so 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 normal rainfall and below normal maximum-minimum temperature trend during 05.07.2024 to 11.07.2024.

SMS Advisory:

As per the IMD forecast, moderate to heavy rainfall has been predicted so the sowing and other farming operations 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. Application of fertilizers 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 completed and proper drainage should be provided to avoid water stagnation.
Black gram/ Green gram	Sowing	Finish sowing of moong and urd. The seeds should be treated with biocontrol agents like Trichoderma powder @5g/kg seeds.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato	Harvesting	Farmers should harvest the ripe tomato crop and their 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.