



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



Agromet Advisory Bulletin

Date: 19.07.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-07-19 (Valid Till 08:30 IST of the next 5 days)

Parameter	20/07/2024	21/07/2024	22/07/2024	23/07/2024	24/07/2024
Rainfall (mm)	35.0	60.0	50.0	15.0	45.0
Max Temp (°C)	22.0	23.0	20.0	20.0	22.0
Min Temp (°C)	16.0	16.0	15.0	15.0	16.0
Max RH I (%)	95	95	95	95	95
Min RH II (%)	75	75	75	75	75
Wind speed (km/h)	4	4	6	4	6
Wind direction	130	130	90	90	90
Cloud cover	7	6	7	8	7

Weather Summary/ Alert:

The upcoming week predicts moderate to heavy rainfall of 15-60 mm and maximum-minimum temperature varying between 20.0-23.0°C and 15.0-16.0°C, respectively. The wind is expected to blow from east and south-east at a speed of 4-6 kmph. Light to moderate rainfall is likely to occur at most places on 19th, 20th, 21st & 23rd July and at many on 22nd July. An orange alert for heavy to very heavy rain / thunderstorm accompanied with lightning / intense to very intense rainspell is likely to occur at isolated places on 20th & 21st July. A yellow watch regarding heavy rain at isolated place in Nainital has been given from 19 to 23 July. Thunderstorm accompanied with lightning/Intense rainspell is likely to occur at isolated places on 19 to 23 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 19.07.2024 to 25.07.2024.

SMS Advisory:

As per the IMD forecast, proper drainage should be provided and sowing/spraying operations should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Transplanting	The transplanting should be completed in this month and gap filling of the plots should be done within 10 days. Any kind of weedicide application should be done keeping the forecast in mind.
Maize	Sowing	As per the forecast, proper drainage should be arranged in the already sown field and irrigation should be avoided in the June month sown crop.

Soyabean	Sowing	The sowing should be scheduled as per the forecast and proper drainage should be provided to avoid water stagnation.
Green gram	Sowing	The sowing should be scheduled as per the forecast.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato/Capsicum/Brinjal	Harvesting	Harvesting should be done of the ripened tomato/capsicum/brinjal and proper drainage should be maintained.
Chilli/ Frenchbean	Harvesting/ Physiological maturity	Proper drainage should be maintained in the field and any kind of spray should be avoided.

LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/ Buffalo	July & August month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic. Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.