



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: 26.03.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-03-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	27/03/2024	28/03/2024	29/03/2024	30/03/2024	31/03/2024
Rainfall (mm)	0.0	0.0	5.0	10.0	12.0
Max Temp (°C)	26.0	27.0	28.0	28.0	29.0
Min Temp (°C)	14.0	15.0	16.0	15.0	14.0
Max RH I (%)	65	65	75	75	75
Min RH II (%)	35	35	45	45	45
Wind speed (km/h)	2	2	1	1	1
Wind direction	320	320	90	140	270
Cloud cover	3	4	7	8	8

Weather Summary/ Alert:

The upcoming days is expected to experience very light to light rainfall of 5-12 mm from 28-30 March with maximum-minimum temperature of 26-29°C and 14-16°C, respectively. The wind is expected to blow from west, south-east, north-west and east direction with a speed of 2-10 kmph. Very light to light rain is likely to occur at isolated places on 28th & 29th March 2024 and at few places on 30th March. Dry weather likely to prevail during rest of the period. A yellow warning regarding occurrence of thunderstorm with lightening/Hailstorm likely to occur at isolated places on 29th & 30th March.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the “Meghdoot App” while "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 22-28 March would observe large deficit rainfall and normal maximum-minimum temperature trend. Appropriate irrigation measures and chemical application as required at critical stages of crop should be provided. The orchards should not be ploughed at flowering time and irrigation application should be done as required. Insecticide application should be avoided at flowering time as it would harm the pollinators. The sowing should be scheduled as per the IMD forecast.

SMS Advisory:

As per the IMD forecast very light to light rainfall along with thunderstorm warning has been issued so farming activities should be scheduled accordingly.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil/Field pea	physiological maturity	Irrigation should be applied at pod formation stage and recommended insecticide or disease control measures should be followed against pod borer, leaf minor or aphid attack. Harvest mature pods. The irrigation and chemical application should be scheduled as per the forecast.
Yellow Mustard (Rada)	physiological maturity	The mature crop should be harvested and dried well before threshing while appropriate irrigation measures should be taken at pod development stage. The harvested pods should be stored well as per the forecast.
Wheat	Grain filling and maturity	The irrigation application should be scheduled as per the requirement and appropriate weed management measures should be taken against major competitive weeds. Disease/pest should be controlled and urea application should be done at flowering stage under rainfed conditions. The irrigation and chemical application should be scheduled as per the forecast.
Rice	Sowing	Sowing of Chetki Dhan can be done during this month. Sowing can be delayed.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Seedling growth	Germinated seedlings should be irrigated as required. The irrigation application should be scheduled as per the forecast.
Carrot/Radish	Sowing	Sowing of european varieties can be done in the hilly areas. Sowing can be delayed.
Tomato/capsicum/brinjal	Transplanting	Polyhouse/Polynet preparation of tomato/brinjal/capsicum can be done in the midhills. Sowing can be delayed.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo/cow	In case of infectious diarrhoea in cows/buffaloes, oral E. coli vaccine should be administered and anthelmintic drugs should be given to 2 month old calves.
Sheep	For wool production, clean the sheep/goats properly before shaving the wool