



**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: 22.03.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-03-22 (Valid Till 08:30 IST of the next 5 days)**

Parameter	23/03/2024	24/03/2024	25/03/2024	26/03/2024	27/03/2024
Rainfall (mm)	3.0	0.0	0.0	0.0	0.0
Max Temp (°C)	22.0	23.0	24.0	24.0	25.0
Min Temp (°C)	12.0	13.0	13.0	14.0	15.0
Max RH I (%)	75	65	65	65	65
Min RH II (%)	45	35	35	35	35
Wind speed (km/h)	5	4	4	4	4
Wind direction	140	140	140	140	140
Cloud cover	8	0	0	0	0

**Weather Summary/ Alert:**

The upcoming days is expected to experience very light rainfall of 0-3 mm on 22 March with maximum-minimum temperature of 22-25°C and 12-15°C, respectively. The wind is expected to blow from west and south-east direction with a speed of 4-5 kmph. Very light to light rainfall is likely to occur at isolated places in on 22nd March 2024 while dry weather is likely to prevail during the period. Warning: Thunderstorm with lightening along with gusty winds (40-50 kmph) is likely to occur at isolated places in Nainital on 22nd March 2024.

**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

**SMS Advisory:**

As per India Meteorological Department, the issued forecast indicates light rainfall on 22 March and dry weather on other days so irrigation at sensitive crop stages should be scheduled accordingly.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Lentil/Field pea	Pod formation/ 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.
Yellow Mustard (Rada)	Maturity/ pod formation	The mature crop should be harvested and dried well before threshing while appropriate irrigation measures should be taken at pod development stage.
Wheat	Grain filling	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.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean	Seedling	Germinated seedlings should be irrigated as required.
Radish/carrot	Sowing	Sowing of european varieties can be done in the hilly areas.
Tomato/Brinjal/Capicum	Sowing	Polyhouse/Polynet preparation of tomato/brinjal/capsicum can be done in the midhills.

### Live Stock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow/Buffalo	In case of infectious diaorrhea 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.