



**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: 21.06.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-06-21(Valid Till 08:30 IST of the next 5 days)**

Parameter	22/06/2024	23/06/2024	24/06/2024	25/06/2024	26/06/2024
<b>Rainfall (mm)</b>	12.0	15.0	23.0	27.0	37.0
<b>Max Temp (°C)</b>	30.0	31.0	30.0	29.0	28.0
<b>Min Temp (°C)</b>	22.0	23.0	24.0	23.0	22.0
<b>Max RH I (%)</b>	70	70	70	70	70
<b>Min RH II (%)</b>	30	30	30	30	30
<b>Wind speed (km/h)</b>	3	4	3	4	3
<b>Wind direction</b>	110	110	50	50	50
<b>Cloud cover</b>	4	6	7	8	8

**Weather Summary/ Alert:**

The upcoming week predicts light to moderate rainfall of 12-37 mm and maximum-minimum temperature varying between 28.0-31.0°C and 22.0-24.0°C, respectively. The wind is expected to blow from east-south-east and north-east at a speed of 3-4 kmph. Very light to light rain is likely to occur at isolated places on 21st June. Light to Moderate rain is likely to occur at few places on 22nd June, at many places on 23rd June and at most places on 24th & 25th June. A yellow warning regarding occurrence of thunderstorm accompanied with lightning/ strong surface winds is likely to occur at isolated places on 21st June and similar conditions with intense rain spell is likely to occur at isolated places on 22nd,23rd,24th & 25th June.

**General Advisory:**

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the region. The extended range forecast shows deficient rainfall and above normal maximum and normal minimum temperature trend during 21.06.2024 to 27.06.2024. Last week (6-19 June) observed large deviations 70 to 90% in rainfall pattern from the normal.

**SMS Advisory:**

As per the IMD forecast light to moderate rainfall along with thunderstorm/lightning is expected so the farming activities should be scheduled accordingly.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Sowing	Prepare nurseries under irrigated conditions in the valley and low hills. Protect the young seedlings using shade nets. Apply irrigation as and when required. The farming operations should be scheduled as per the rainfall forecast.

Pigeon pea/Red gram/Arhar	Sowing/Seedling growth	Regular weeding-hoeing and irrigation application should be followed in the crop. The farming operations should be scheduled as per the rainfall forecast.
Rajma/Kidney beans	Sowing	Sowing of Rajma can be done. The farming operations should be scheduled as per the rainfall forecast
Maize	Sowing/Germination	Maize sowing should be completed in the lower and middle hilly regions. The weeds can be controlled using Atrazine spray @50 W.P. after 2-3 days of sowing. The farming operations should be scheduled as per the rainfall forecast.
Finger millet/Barnyard millet	Sowing/Germination	Sowing of traditional or high yielding varieties of mandua, jhangora, kakun and ramdana should be done in the higher hills. Light irrigation should be applied after sowing. The farming operations should be scheduled as per the rainfall forecast.
Soyabean	Sowing/Germination	Sowing of high yielding varieties can be done in the middle and lower hills. Irrigation should be applied just after sowing. Provide shade nets and shelter belts to prevent heat stress. The farming operations should be scheduled as per the rainfall forecast.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Tomato	Harvesting	Farmers should harvest the ripened tomato crop. There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases. Polyhouses or shade nets should be provided to protect the fruits. The farming operations should be scheduled as per the rainfall forecast.
Frenchbean	Harvesting	Harvest the ripened crop and irrigate as and when required. The farming operations should be scheduled as per the rainfall forecast.
Potato	Harvesting	The harvested crop should be stored well. The farming operations should be scheduled as per the rainfall forecast.
Peach/Plum	Fruiting/Physiological maturity	Regular irrigation should be applied to reduce fruit drop. The farming operations should be scheduled as per the rainfall forecast.

### LiveStock Specific Advisory

Livestock	LiveStock Specific Advisory
Cow	Vaccinate the animals against tetanus, enterotoxemia and Hemorrhagic Septicemia. To protect the animals from excessive heat using shady trees. To avoid the insufficiency of fodder, the farmers should store the fodder for such times. To avoid deficiency of important nutrients, sufficient amount of salt mixture along with the fodder should be provided.
Buffalo	Animals between two to four months of age should be vaccinated against black leg/black quarter (BQ). Buffaloes should be kept for wallowing in water