



**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: 30.04.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-04-30 (Valid Till 08:30 IST of the next 5 days)**

Parameter	01/05/2024	02/05/2024	03/05/2024	04/05/2024	05/05/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	25.0	24.0	25.0	26.0	26.0
Min Temp (°C)	10.0	8.0	9.0	10.0	10.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	8	10	8	8	8
Wind direction	270	270	270	270	270
Cloud cover	1	1	1	7	3

**Weather Summary/ Alert:**

The upcoming week shows no dry condition with no rainfall and maximum-minimum temperature varying between 24.0-26.0°C and 8.0-10.0°C, respectively. The wind is expected to blow from west direction at a speed of 8-10 kmph. The weather is expected to remain dry in the coming week.

**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 moderate agricultural vigour in the region. The extended range forecast shows excess rainfall, below normal maximum and normal minimum temperature trend during 26.04.2024 to 02.05.2024. Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. As the predicted conditions are dry so appropriate irrigation applications should be done regularly.

**SMS Advisory:**

As per the IMD prediction, the weather may remain dry so appropriate irrigation measures should be taken up in the crops.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Wheat/chickpea/lentil/mustard	Harvesting	The harvested produce of all the rabi crops should be dried and stored well.
Barnyard millet	Sowing	In mid hills, millet sowing (jhangora) can be done and pre-sowing fertilizer application should be done.
Rice	Sowing	Sowing of chetki dhan and appropriate irrigation measures after sowing should be taken up.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
French bean/ Amaranthus/Fenugreek/ Garlic	Sowing/germination	Apply irrigation as and when required in freshly germinated crop.
Cowpea	Sowing	Sowing of the crop can be done in the hilly areas.
Tomato/capsicum/ brinjal	Transplanting	The plants should be given life saving irrigation just after transplanting.
Pumpkin	Vegetative/flowering	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
Cabbage	Sowing	For vegetable purpose the sowing can be taken up in the hilly areas.

### Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	If symptoms of mastitis are seen in dairy cattle, treat it immediately. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day. To avoid heat waves provide proper ventilation.

### Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation) Specific Advisory
General Advice	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction.