



**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: 11.06.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-06-11(Valid Till 08:30 IST of the next 5 days)**

Parameter	12/06/2024	13/06/2024	14/06/2024	15/06/2024	16/06/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Max Temp (°C)	28.0	30.0	30.0	29.0	29.0
Min Temp (°C)	17.0	17.0	17.0	18.0	18.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	10	10	10	10	10
Wind direction	270	270	270	130	130
Cloud cover	3	1	1	1	1

**Weather Summary/ Alert:**

The upcoming week predicts no rainfall and maximum-minimum temperature varying between 28.0-30.0°C and 17.0-18.0°C, respectively. The wind is expected to blow from south-east and west at a speed of 10 kmph. Dry weather is expected to prevail in the region. A yellow alert regarding occurrence of heatwave at isolated places on 11, 12 and 13 June and at few places on 14 and 15 June has been given.

**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 large deficient rainfall and normal maximum-minimum temperature trend during 07.06.2024 to 13.06.2024. Dry weather has been predicted in the region so irrigation should be applied as required and moisture conservation measures should be followed. All such farming activities should be scheduled for the evening hours.

**SMS Advisory:**

As per IMD forecast, yellow warning regarding dry weather has been given so irrigation should be applied and moisture conservation measures should be followed.

**Crop Specific Advisory:**

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Sowing	Prepare nurseries under irrigated conditions in the valley and low hills.
Pigeon pea/Red gram/Arhar	Sowing/Seedling growth	Regular weeding-hoeing and irrigation application should be followed in the crop.
Maize	Sowing	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.
Finger millet/Barnyard millet	Sowing	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.
Soyabean	Sowing	Sowing of high yielding varieties can be done in the middle and lower hills.

### 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 and spray all-purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Farmer brothers, keep in mind that spraying should be done keeping the weather forecast in mind.
Frenchbean	Harvesting	Harvest the ripened crop and to control Anthracnose which may occur due to rainfall can be avoided by spraying Carbendazim 50% W.P. @ 1 g/l.
Potato	Harvesting	The crop should be protected against late blight by spraying mancozeb or copper oxychloride solution.
Cauliflower/Cabbage/ Broccoli	Sowing	Sowing of cole crops should be done with enough moisture in the field. Nursery preparation should be done with the treated seeds and proper distance between the seeds should be maintained.
Peach/Plum	Fruiting/ Physiological maturity	Regular irrigation should be applied to reduce fruit drop and conserve soil moisture to maintain temperatures. Continue harvesting of early varieties of peach, plum, apricot and send pitted fruits to the market.

### 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.

### Others (Soil/Land Preparation)

Others (Soil/Land Preparation)	Others (Soil/Land Preparation) Specific Advisory
General Advice	To save fruit drop soil conservation measures like mulching should be done in the basins.