



**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: 14.05.2024**

**Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-05-14(Valid Till 08:30 IST of the next 5 days)**

| Parameter         | 15/05/2024 | 16/05/2024 | 17/05/2024 | 18/05/2024 | 19/05/2024 |
|-------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)     | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Max Temp (°C)     | 25.0       | 26.0       | 26.0       | 27.0       | 28.0       |
| Min Temp (°C)     | 12.0       | 13.0       | 13.0       | 14.0       | 15.0       |
| Max RH I (%)      | 65         | 65         | 65         | 65         | 65         |
| Min RH II (%)     | 30         | 30         | 30         | 30         | 30         |
| Wind speed (km/h) | 9          | 9          | 10         | 12         | 12         |
| Wind direction    | 130        | 130        | 130        | 130        | 130        |
| Cloud cover       | 1          | 1          | 1          | 1          | 1          |

**Weather Summary/ Alert:**

The upcoming week predicts no rainfall and maximum-minimum temperature varying between 25.0-28.0°C and 12.0-15.0°C, respectively. The wind is expected to blow from south-east direction at a speed of 9-12 kmph. Dry weather is expected during the upcoming 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 deficient rainfall and below normal maximum and normal minimum temperature trend during 10.05.2024 to 16.05.2024. Dry weather has been predicted so irrigation should be applied as and when required by the crops.

**SMS Advisory:**

As per the IMD forecast, dry weather has been predicted so irrigation should be applied as required.

**Crop Specific Advisory:**

| Crop (Varieties)          | Stage  | Crop Specific Advisory  |
|---------------------------|--------|---|
| Rice                      | Sowing | In medium higher hills under irrigated conditions nursery should be prepared and treated seeds of high yielding varieties should be used. Irrigation should be applied in the Chetki Dhan crop. |
| Pigeon pea/Red gram/Arhar | Sowing | Short duration varieties should be sown and well treated, high yielding varieties should be used.   |
| Maize                     | Sowing | In mid hilly areas, sow the crop in the second fortnight of the month.  |

### Horticulture Specific Advisory:

| Horticulture (Varieties) | Stage                  | Horticulture Specific Advisory   |
|--------------------------|------------------------|--|
| Onion                    | Maturity               | If onion crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days.  |
| Tomato                   | Vegetative             | To control of viral diseases in tomato crop, remove and destroy the infected plants (when shrunken speckled leaves are visible), To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxichloride @ 3g/lit of water should be sprayed.                                       |
| Chilli                   | Vegetative             | To control of viral diseases in chilli crop, infected plants (contracted piebald leaves) should be removed and destroyed. (when shrunken speckled leaves are visible), To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxichloride @ 3g/lit of water should be sprayed. |
| Capsicum/ brinjal        | Vegetative             | In one month old transplanted crop, top dressing of urea should be done.   |
| Garlic                   | Physiological maturity | Irrigation should be stopped in the mature garlic crop and harvesting of bulbs should be done and dried in shade.  |

### LiveStock Specific Advisory

| Livestock | LiveStock Specific Advisory   |
|-----------|---|
| Cow       | Temperature of animal shed should be maintained using cooling devices such as fan, cooler or latest cooling device to maintain the productivity of foreign cows and save them from diseases. Foreign cows are unable to tolerate excessive heat, due to which their ability to consume food decreases which affect their production. Therefore, to maintain the production of foreign cows and to prevent diseases, temperature of animal shed should be maintained using cooling equipment like fan, cooler or latest cooling devices. |
| Buffalo   | In the summer season, time to time spraying of melathyan or other insecticide should be done in the drains near the animal shed. 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. If symptoms of mastitis are seen in dairy cattle, treat it immediately   |

### Others (Soil/Land Preparation)

| Others (Soil/Land Preparation) | Others (Soil/Land Preparation) Specific Advisory  |
|--------------------------------|---|
| General Advice                 | Soil sample should be taken from 10-15 different places in this month from fallow field after harvesting of rabi crops. Soil sample should be taken up to the depth of 20cm |