



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 27.09.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-09-27 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 28/09/2024 | 29/09/2024 | 30/09/2024 | 01/10/2024 | 02/10/2024 |
|-------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 30 | 20 | 12 | 8 | 6 |
| Max Temp (°C) | 21 | 20 | 21 | 22 | 23 |
| Min Temp (°C) | 16 | 15 | 16 | 17 | 17 |
| Max RH I (%) | 85 | 85 | 75 | 70 | 70 |
| Min RH II (%) | 40 | 40 | 35 | 30 | 30 |
| Wind speed (km/h) | 4 | 3 | 4 | 4 | 3 |
| Wind direction | 110 | 50 | 340 | 320 | 320 |
| Cloud cover | 7 | 8 | 6 | 4 | 3 |

Weather Summary/ Alert:

The upcoming week predicts light to moderate rainfall of 6-30 mm from 28 September-01 October and maximum-minimum temperature varying between 20.0-23.0oC and 15.0-17.0oC, respectively. The wind is expected to blow from east-south-east, north-east, north-north-west and north-west at a speed of 3-4 kmph. Light to moderate rain likely to occur at a many places on 27 th Sep, 2024, at few places on 28 September and at isolated places from 29 September to 3 October. A yellow warning regarding occurrence of heavy rainfall/thunderstorm accompanied with lightening/ intense to very intense rain spell is expected to occur at isolated places on 27 September and similar conditions without rainfall may continue at isolated places on 28 September.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.20-0.40. The extended range forecast shows large excess rainfall and normal maximum-minimum temperature trend during 27.09.2024 to 03.10.2024.

SMS Advisory:

As per IMD forecast light to medium and yellow warning regarding heavy rainfall has been given so farming activities should be scheduled accordingly and proper drainage should be provided.

Crop Specific Advisory:

| Crop (Varieties) | Stage | Crop Specific Advisory |
|-----------------------------|------------------------------|---|
| Rice | Reproductive stage/ Maturity | Proper drainage should be provided and farming operations should be done under clear weather conditions. |
| Maize | Vegetative/ Maturity | Proper drainage should be provided and farming operations should be done under clear weather conditions. The early maize varieties should be harvested and harvested produce should be stored well. |
| Finger millet | Reproductive stage/ Maturity | Proper drainage should be provided and farming operations should be done under clear weather conditions.. The matured millet varieties should be harvested and stored well. |
| Pigeon Pea (Red Gram/Arhar) | Vegetative | Proper drainage should be provided and farming operations should be done under clear weather conditions. |

| | | |
|--------------------------|-------------------------|---|
| Soyabean | Flowering/pod formation | Proper drainage should be provided and farming operations should be done under clear weather conditions. |
| Green gram Black gram | Maturity/Harvesting | Proper drainage should be provided and farming operations should be done under clear weather conditions. The mature crop should be harvested and stored for procurement/ consumption. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Stage | Horticulture Specific Advisory |
|--------------------------|--------------------|--|
| Cauliflower | Seedling growth | As per the soil conditions hoeing and weeding should be done in the field. Proper drainage should be provided and farming operations should be done under clear weather conditions. |
| Radish/Carrot/ Beetroot | Sowing/Germination | Proper drainage should be provided and farming operations should be done under clear weather conditions. |
| Sem/Bakla | Sowing | Proper drainage should be provided and farming operations should be done under clear weather conditions. |
| Citrus | Fruiting | If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25% WG @ 1g/3 litre water. Apply first spray of Thiamethoxam during initial appearance of pest and repeat 2 – 3 sprays at 15 – 21 days interval depending on the level of pest intensity. Proper drainage should be provided and farming operations should be done under clear weather conditions. |

Live Stock Specific Advisory

| Livestock | Live Stock Specific Advisory |
|------------|---|
| Cow | After 15 days calves should be fed with calcium, magnesium, phosphorus, zinc, iron, iodine and copper elements should be consumed in the form of salt mixture or mineral drops. |
| Goat/Sheep | In rural areas, 2 shots of tetanus toxoid should be administered to sheep and goats at one month and the other at 5 months, so that newborn lambs do not get tetanus disease. |

Poultry Specific Advisory

| Poultry | Poultry Specific Advisory |
|---------|---|
| Hens | Due to moisture, fungus grows in the feed due to which there is a deficiency of nutrients in the feed, which leads to a disease called aflatoxicosis. Due to this, worms develop in the stomach of the hens and their egg-laying capacity decreases. Such hens must be given deworming medicine once a month as per the advice of the veterinarian. |