



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 : 13-09-2022

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2022-09-13(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-09-14 | 2022-09-15 | 2022-09-16 | 2022-09-17 | 2022-09-18 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 15.0 | 40.0 | 40.0 | 35.0 | 50.0 |
| Tmax(°C) | 21.0 | 20.0 | 19.0 | 19.0 | 19.0 |
| Tmin(°C) | 15.0 | 14.0 | 14.0 | 13.0 | 13.0 |
| RH-I(%) | 90 | 95 | 95 | 95 | 95 |
| RH-II(%) | 65 | 75 | 75 | 75 | 75 |
| Wind Speed(kmph) | 6.0 | 6.0 | 8.0 | 8.0 | 8.0 |
| Wind Direction(Degree) | 130 | 130 | 130 | 130 | 130 |
| Cloud Cover(Octa) | 2 | 8 | 8 | 8 | 8 |

Weather Summary/Alert:

In the coming five days, light to moderate rain may likely occur. Maximum & minimum temperature may range from 19.0 to 21.0 deg C & 13.0 to 15.0 deg C respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the SE direction. Warning: Heavy to very heavy rainfall with Thunderstorm/lightning likely to occur at isolated places (up to 25 % area) in Hills from 13 to 16 September and Heavy to very heavy rainfall likely to occur at a few places (i.e. 25-50% area) with extremely heavy rainfall at isolated places on 17 September. As per ERF, rainfall will be above normal and maximum & minimum temperature will be normal in the state from 18 to 24 September.

General Advisory:

Farmers are advised to download the "Meghdoot App" to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Light to moderate rain in the next five days and above normal rainfall is expected on September 18 to 24, so farmers should postpone irrigation in crops for now and maintain proper drainage system in the field. Farmers are advised to harvest mature vegetable crops & store them in safe place.

SMS Advisory:

In the coming five days, light to moderate rain may likely occur. Warning: In the coming five days heavy rainfall at isolated places & on 17 Sept heavy to very heavy rain at few places likely occur.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|---|
| RICE | Keeping in view the forecast of moderate rain and warning of heavy rain at most of the places in the next five days, farmers are advised not to spray chemicals and maintain proper drainage system in the field. |
| SOYABEAN | Farmers are advised to keep monitoring the soybean crop and keeping in view the warning of heavy rain, proper drainage should be maintained in the field. |
| CARROT | In Bhavar and valley region, sowing of carrots can be done in this month. But in view of the warning of heavy rain, sowing should be postponed and it should be done in clear weather. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| SPINACH | In Bhavar and valley region, sowing of spinach can be done in this month but in view of the warning of heavy rain, sowing should be postponed. |
| BROCCOLI | In Bhavar areas, sowing of cabbage, knol khol and broccoli should be done in this month but in view of the warning of heavy rain, sowing should be postponed. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| COW | The milk of female calves should be weaned from the mother only after six months, so that their physical development can take place in a good way. Provide proper shelter and healthy food with proper attention to the livestock especially for new born babies. |
| GOAT | Sheep and goats must be given two vaccines of tetanus toxoid, one at 4 months and the other at 5 months, so that newborn lambs do not get a disease called tetanus. |
| BUFFALO | Keeping in view the heavy rainfall warning in coming days, provide proper shelter and healthy food to the livestock especially for new born. |