



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 : 25-08-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-08-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-26	2023-08-27	2023-08-28	2023-08-29	2023-08-30
Rainfall(mm)	30.0	25.0	20.0	20.0	15.0
Tmax(°C)	21.0	21.0	21.0	21.0	22.0
Tmin(°C)	15.0	15.0	14.0	14.0	14.0
RH-I(%)	95	95	90	90	90
RH-II(%)	75	75	70	75	75
Wind Speed(kmph)	6	8	8	6	6
Wind Direction(Degree)	140	140	70	70	140
Cloud Cover(Octa)	3	0	1	1	2

Weather Summary/Alert:

In the coming five days, drizzle to light rain upto 30 August ranging 15-30 mm is likely to occur. Maximum & minimum temperature may range from 21.0 to 22.0 degree Celsius & 14.0-15.0 degree Celsius, respectively. Wind will blow with a speed of 6.0-8.0 km/hr from the East and East-North-East direction. Light to moderate rain/thunderstorm likely to occur at many places on 25th & 26th August. Warning: A yellow alert regarding occurrence of thunderstorm/lightning with intense shower has been given for 25 and 26 August.

General Advisory:

The weekly rainfall as given by IMD indicates 35.6 mm (large deficit) of rainfall in the district while the extended range forecast indicates deficient rainfall for 25-31 August. The NDVI composite between 0.2-0.4 thus showing moderate agriculture vigour. The farmers are advised to download "Meghdoot App" to get last week's weather, weather forecast and agrometeorological advice and "Damini App" to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). This will help them in taking right decisions regarding farming activities.

SMS Advisory:

In the coming five days drizzle to light rain may occur and warning regarding occurrence of thunderstorm/lightning accompanied by intense shower has been given on 25 & 26 August.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Symptoms of bacterial blight disease if seen in paddy such as water-soaked spots on the leaves and their gradual increase to become long stripes. These stripes gradually turn light brown. To prevent this disease from spreading in the field, do not keep water logged condition in the field. Along with this, nitrogen application should be stopped for the time being and in case of excessive disease, spray 15 grams of streptocycline + 500 grams of copper oxychloride in 1000 liters of water per hectare. The spray should be done at 7-10 days conditions. On the occurrence of stem borer above ETL, chlorantraniliprole 20 SC @150ml/ha or flubendiamide 480 SC @ 75ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP or 2,5 lit of Chlorpyrifos 20 EC in 500-600 lit of water /ha should be sprayed. All the farming activities should be performed under clear weather conditions .
FINGER MILLET	Keep monitoring the crop as the stem borer harms the crop. For its prevention, Fipronil 5 S. C. @1 liter or Cartap Hydrochloride 50W. P. Spray 600 grams or Chlorpyrifos 20 E. C. @2. 5 liters dissolved in 500-600 liters of water should be sprayed on the affected region.
MAIZE	Monitor the crop properly and apply Mancozeb or Zineb 75 WP @ 1. 5 -2. 0 kg in 750- 800 litres of water per hectare on occurrence of blight (Yellow or brown coloured egg ship shaped spots). Second spraying should be done at 10-15 days interval. All the farming activities should be performed under clear weather conditions.
SUGARCANE	In plain regions, in case of white grub infestation Fipronil 40 percent and Imidacloprid 40 percent WG @200g/acre should be applied in the field by dissolving it in 500 liters of water. Chemical application should be done keeping the forecast in mind.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
CAPSICUM	Continuous picking of the fruits should continue and proper drainage should be maintained in the field.
FRENCH BEAN	To control the white rotting in french bean, Caerbendazim 1 g/liter needs to be sprayed but only under clear weather conditions.
APPLE	Proper drainage should be maintained in the apple basins and ripe apples should be filled in cartons for selling.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days. To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150mg/Kg in the veins of animal for three days with the advice of Veterinarian.
COW	Water supplied to livestock should be regularly tested to prevent water-borne diseases. To avoid this use antibacterial drugs like red drug in 1:1000 ratio in stored water. Bleaching powder/chlorine can also be used. To prevent 'footrot' disease, hooves should be dipped in 10% formalin solution or 5% blue solution for 2-3 minutes in the morning and evening for at least 3 days. To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150mg/Kg in the veins of animal for three days with the advice of Veterinarian.