



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 : 30-08-2024

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

Parameter	2024-08-31	2024-09-01	2024-09-02	2024-09-03	2024-09-04
Rainfall(mm)	30.0	20.0	25.0	40.0	40.0
Tmax(°C)	32.0	33.0	34.0	32.0	31.0
Tmin(°C)	19.0	20.0	21.0	20.0	19.0
RH-I(%)	87	84	85	97	96
RH-II(%)	66	62	69	80	81
Wind Speed(kmph)	5	5	5	6	6
Wind Direction(Degree)	140	340	320	110	140
Cloud Cover(Octa)	4	4	6	8	8

Weather Summary/Alert:

In the upcoming five days, light to moderate rain ranging 20-40 mm is expected. Maximum & minimum temperature varying from 31.0 to 34.0 degree Celsius & 19.0-21.0 degree Celsius, respectively. Wind will blow with a speed of 5.0-6.0 km/hr from the south-east, north-north-west, north-west, east-south-east direction. Light to moderate rain is likely to occur at most places on 2 September, at many places on 3 and 4 September, at few places from 30 August to 1 September and 5th September. Heavy rain is likely to occur at isolated places on 2 September. A yellow warning regarding occurrence of thunderstorm accompanied with lightning / intense to very intense rainspell has been given for the isolated places from 30 August to 3 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 normal rainfall, maximum and above normal minimum temperature trend during 30.08.2024 to 05.09.2024.

SMS Advisory:

Light to moderate rainfall at most places and heavy rainfall at isolated places has been predicted so the farming operations should be scheduled accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	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 streptomycin + 500 grams of copper

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	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.
FINGER MILLET (Vegetative)	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 (Vegetative)	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.
SOYABEAN (Vegetative)	Monitor the crop for pests and disease.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
SPINACH (Sowing)	Spinach can be sown in this month.
CHILLI (Vegetative)	On drying of the upper stipe of chilly crop and if it is turning black, then infected branches should be removed by plucking to save the crop. To save the crop from rotting spray 0.1% Caerbendazim solution.
CAULIFLOWER (Transplanting)	The late varieties of cauliflower, cabbage varieties and knol-khol can be transplanted in this month and this should be done when the seedling become 4-6 weeks old or they attain 4-6 leaf stage.
RADISH (Sowing)	The european varieties of radish , asian and european varieties of carrot, turnip varieties and beetroot varieties can be sown during this month.

Live Stock Specific Advisory:

Live Stock	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.
BUFFALO	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.