



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



Agromet Advisory Bulletin

Date : 01-09-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-09-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-02	2023-09-03	2023-09-04	2023-09-05	2023-09-06
Rainfall(mm)	3.0	5.0	6.0	7.0	5.0
Tmax(°C)	33.0	33.0	33.0	33.0	35.0
Tmin(°C)	23.0	22.0	21.0	21.0	20.0
RH-I(%)	80	75	75	70	70
RH-II(%)	60	70	60	60	60
Wind Speed(kmph)	6	7	7	6	6
Wind Direction(Degree)	20	25	30	45	60
Cloud Cover(Octa)	3	4	6	7	6

Weather Summary/Alert:

In the coming five days, light drizzle ranging 3-7 mm is likely to occur upto 6 September. Maximum & minimum temperature may range from 33.0 to 35.0 degree Celsius & 20.0-23.0 degree Celsius, respectively. Wind will blow with a speed of 6-7 km/hr from the East-North-East direction. Light to moderate rain/thunderstorm likely to occur at a few places in Nainital district during this period. Warning: A yellow alert has been indicated regarding thunderstorm/lightning and intense shower from 1-9 September. The dry weather is predicted to prevail in the region.

General Advisory:

As per the extended range forecast the weekly average rainfall for the district was 31.9 mm which has been indicated as largely deficient and for the upcoming week deficient rainfall has been predicted. 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:

The upcoming week shows light drizzle thus all the farming activities can be carried out efficiently and light irrigation should be applied to the crops in dry regions.

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 streptomycin + 500 grams of copper oxychloride in 1000 liters of water per hectare. The spray should be

Crop(Varieties)	Crop Specific Advisory
	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	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.
SOYABEAN	Monitor the crop regularly and in case of occurrence of stem fly apply Chlorantraniliprole 18.5 SC @150 ml mixed in 700-800 litre of water. The application is effective for girdle beetle.
PIGEON PEA (RED GRAM/ARHAR)	On occurrence of pods to prevent dryness of the field, light irrigation should be applied to the crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
SPINACH	Spinach can be sown in this month.
CHILLI	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	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	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(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.
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.