

Gramin Krishi Mausam Sewa

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District Level Agro Advisory Bulletin, District - Udham Singh Nagar

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-06-09(Valid Till 08:30 IST of the next 5 days)

Parameter	10/06/2023	11/06/2023	12/06/2023	13/06/2023	14/06/2023
Rainfall (mm)	0	2	5	5	10
Max Temp (⁰ C)	26	25	24	22	22
Min Temp (⁰ C)	15	15	16	16	16
Cloud Cover	1	1	0	1	2
Max RH I (%)	65	65	70	70	75
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	8	6	6	6	10
Wind direction	270	320	310	110	110

Weather Summary/Alert:

The five days forecast mostly cloudy weather with a likely occurrence of very light drizzle from 10-13 June, 2023. The maximum and minimum temperature would vary 22.0-26.0 oC and 15.0-16.0 oC. The wind speed would vary 6-10 km/h and wind direction would mostly be East and West-North-West. Warning: Thunderstorm accompanied with lightning likely to occur at isolated places in hills of Uttarakhand on 10 June, 2023. Thunderstorm accompanied with lightning/hail and gusty wind (40-50 kmph) likely to occur at isolated places in Uttarakhand. Warning: There may be occurrence of thunderstorm accompanied by lightning, hail and squall (wind speed: 50-60 km/h) in isolated places (upto 25% area) of Uttarakhand on 12 & 13 June, 2023. Similar conditions of thunderstorm, lightning accompanied by gusty winds (wind speed: 40-50 km/h) might occur in isolated (upto 25% area) places of Uttarakhand on 11 June, 2023.

General Advisory:

The blended NDVI Composite map received from the India Meteorological Department indicated that the NDVI ranging between 0.2-0.35 for Udham Singh Nagar i.e. agriculture vigor is moderate in the district. 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).

SMS Advisory:

In the coming five days the weather is predicted to be cloudy with warning issued regarding likely occurrence of thunderstorm activities from 10-13 June, 2023.

Crop Specific Advisory:

Crop (Varieties)	Crop Specific Advisory
RICE	(Direct sowing of Jethi Dhan should be done by the first week of June. The farmers need to protect their nurseries from direct sun using shade nets and the sowing should be done during evening time by the farmers.
MAIZE	Farmers, as per the weather forecast and rainfall should maintain sufficient amount of moisture in the field. As the cobs are mature, there is a need to use bird scaring methods to save the cob from the birds. Drain excess water in case of water logging conditions..
FINGER MILLET	Finger millet (Ragi) should be sown during first week of June.
SOYABEAN	Sowing of the crop in medium and low height places should be taken up in the first fortnight of June. Use improved varieties for sowing.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TOMATO	Do weeding and top dressing of urea in new tomato plants. stand the plant with the help of sticks. Farmers who have polyhouse should prepare to grow tomatoes. Pay attention to water drainage .
LITCHI	To save the litchi from cracking, water should be sprayed and plucking and marketing should be done on proper coloration of litchi.
PEACH	Continue harvesting of early varieties of peach, plum, apricot . Send pitted fruits to the market.
CAPSICUM	Farmers, if the transplantation of capsicum seedlings has been done in hilly areas before one month, then top dressing of urea should be done as well as ensure moisture conservation measures. Pay attention to water drainage .
CAULIFLOWER	Sowing of cauliflower should be done with enough moisture in the field. Nursery preparation should be done with the treated seeds and proper distance between the seeds should be maintained.
CABBAGE	Sowing of cabbage should be done with enough moisture in the field. Nursery preparation should be done with the treated seeds and proper distance between the seeds should be maintained.
BROCCOLI	Sowing of broccoli should be done with enough moisture in the field. Nursery preparation should be done with the treated seeds and proper distance between theseeds should be maintained.

Live Stock Specific Advisory:

Live Stock (Varieties)	Live Stock Specific Advisory
COW	As the monsoon season is arriving, the cows are sensitive to diseases so the required vaccination should be done in time.
BUFFALO	A congenial environment needs to be maintained for the animals for which the following points should be kept in mind: Regular bathing of animals is must. No exposure to excessive heat. Exhaust fan to be installed for good ventilation. Provide mosquito nets to prevent mosquito bites.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Soil testing to be done for nutrients and accordingly the nutrients to be added to the soil. Deep ploughing to be done upto 20-25 cm. Levelling of field is required.