



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



Agromet Advisory Bulletin

Date : 02-06-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-06-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-06-03	2023-06-04	2023-06-05	2023-06-06	2023-06-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	36.0	37.0	38.0	38.0
Tmin(°C)	21.0	22.0	23.0	23.0	24.0
RH-I(%)	65	65	65	65	65
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	16	13	10	10	10
Wind Direction(Degree)	270	270	270	270	290
Cloud Cover(Octa)	0	2	4	1	1

Weather Summary/Alert:

In the past seven days (26 May to 1 June) the weather was mostly clear with few cloudy days. The recorded rainfall was 0.0 mm. The maximum and minimum temperature ranged 30.5 to 37.0 oC and 14.5 to 23.0 oC. The morning relative humidity at 0712 hrs ranged 64 to 83% and evening relative humidity at 1412 hrs ranged 30 to 45%. The wind speed during this period was 1.1 to 7.6 km/h while the wind direction was mostly North and North-North-East. The five days forecast shows clear weather with no rainfall. The maximum and minimum temperature would vary 35.0-38.0 oC and 21.0-24.0 oC. The wind speed would vary 10-16 km/h and wind direction would mostly be west.

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). To save the stem of fruit tree from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used.

SMS Advisory:

The weather would be dry and clear during the coming five days so irrigation should be applied to the crop as per the requirement.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	(1) Paddy nursery is prepared in the month of June. Preparation of nursery for mid duration variety of paddy like - Narendra-359, Pant dhan-18, HKR-147, PR-113 etc should be done up to 10th June. (2) Direct sowing of paddy can be done in the first fortnight of June. For this, choose medium duration varieties of paddy. Keep the seed rate at 60-70 kg/ha and sow the seeds in rows at a distance of 18-22 cm. Apply Pendimethalin 1.0 kg active ingredient

Crop(Varieties)	Crop Specific Advisory
	per hectare within 2 days of sowing. With this method we can save 20% of water & the cost of transplanting also and crop is ripen 7-10 days before. 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.
SUGARCANE	Farmers, on the occurrence of black bug in sugarcane crop, should spray quinalphos 25 EC in 500liter of water. Other activities such as earthing up and application of remaining N-dose in spring sugarcane should be done.
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.
GREEN GRAM	The crop is ready to harvest. It should be picked up and stored for further purposes.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	This is the right time for sowing and transplanting of round brinjals. The transplanting should be done during evening hours. Sufficient spacing should be maintained of 75cm row to row and 60-75cm plant to plant.
OKRA/ LADYFINGER	The crop is in harvesting stage so any kind of insecticide recommendation is avoided. However, the farmers may go for organic application of neem oil application @3ml/l of water.
PUMPKIN	If the leaves of pumpkin type vegetables are showing spots or curling, then destroy such plants and spray all-round insecticide to protect them from sucking insects. To prevent flower drop maintain moisture in the crop.
CHILLI	Farmers need to complete the harvesting of the prepared chilli crop, as well as remove and destroy the infected plants (when shriveled and pitted leaves are visible) to control viral diseases and spray insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. To prevent flower drop maintain moisture in the crop
GINGER	The planting of ginger should be taken up as the the monsoon crop. Enough moisture should be maintained in the field for congenial environment for crop growth
TURMERIC	The planting of turmeric should be taken up as the the monsoon crop. Enough moisture should be maintained in the field for congenial environment for crop growth.

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.