



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



Agromet Advisory Bulletin

Date: 29.10.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-10-29 (Valid Till 08:30 IST of the next 5 days)

Parameter	30/10/2024	31/10/2024	01/11/2024	02/11/2024	03/11/2024
Rainfall(mm)	0	0	0	0	0
Max Temp(°C)	32	32	31	31	31
Min Temp(°C)	19	19	18	18	18
Max RH I (%)	70	70	70	70	70
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	4	4	4	4	4
Wind direction	140	270	270	320	340
Cloud cover	1	1	0	0	1

Weather Summary/Alert:

Last week (22nd to 28th October) the region did not receive any rainfall and maximum-minimum temperatures ranged from 30.5 to 34.0°C and 16.8 to 22.4°C respectively. The morning and evening relative humidity ranged between 76-94% and 38-62% respectively while the wind was blowing from north-west, south-east, east and east-south-east at a speed of 0.9-4.8 kmph. Most of the days were clear last week. As per the upcoming forecast, there will be no rainfall between 29th October to 2nd November and maximum-minimum temperatures are expected to be 31.0-32.0°C and 18.0-19.0°C respectively. The wind is expected to blow from south-east-south, west and north-west at a speed of 4 kmph. Dry weather likely to prevail from 29 October to 2 November.

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 0.35-0.60. The extended range forecast shows large deficient rainfall and above normal maximum-minimum temperature trend during 25.10.2024 to 31.10.2024.

SMS Advisory:

As per IMD, clear weather has been predicted so the mature produce should be harvested and stored well.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Harvesting	The rice grains should be threshed and stored properly.

Sugarcane	Harvesting/sowing	Provide proper storage to harvested canes and autumn sowing should be completed.
Sesame	Harvesting	The crop should be harvested till the month end and the seeds should be separated after threshing.
Chickpea/ Lentil/ Field pea	Sowing	Rhizobium and PSB treated chickpea & lentil varieties should be sown. Chickpea variety and seed rate: Pusa-372, Pusa 329, Pusa-362, Pusa-391, Pank Kabuli Chana 1, etc. at the rate of 60-80 kg/ha. Lentil varieties and seed rate: JL 1, Pant lentil-4, Narendra Masoor-1, Pant lentil-7, Pant lentil-6, Pant lentil-8, Shekhar Masoor 3, etc. at the rate of 80-100 kg/ha. Field pea varieties: DMR-7 (Alankar), DDR-23 (Pusa Prabhat), DDR-27 (Pusa Panna), Pant Pea-25, Pantn Pea -42, etc at the rate of 80-100 kg/ha.
Rapeseed (Lahi) and Rai	Sowing	The sowing of rapeseed can be done at a depth of 4-5 cm and at a line to line distance of 45 cm.
Mustard	Sowing	The sowing of mustard can be done at a depth of 3-4 cm @4-5 kg/ha and at a line to line distance of 30 cm.
Wheat	Sowing	Treated seeds of wheat can be used for sowing.
Barseem	Sowing	Rhizobium treated seeds of high fodder production varieties like UPB-110, maskavi, pusa jayant, bardaan should be used for sowing.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Radish/Turnip/Carrot	Sowing	Sowing of radish varieties as Japanese White, Hill Queen and Pusa Mridula, carrot varieties as Pusa Rudhira, Pusa Kesar and turnip varieties as Pusa Swati, Punjab Safed 4, Pusa Swarnima should be done. Seed treatment should be done with Captan at the rate of 2g/kg seeds.
Palak/Methi/Coriander	Sowing	Sowing of palak varieties as Palak Green, Pusa Bharti, methi varieties as Pusa Kasuri and coriander varieties as Pant Haritima should be done.
Knol khol	Sowing	Treated seeds of knol khol varieties as White Vienna, Purple Vienna should be done.
Potato	Sowing	Sowing of potato can be taken up in this month such as Kufri Badshah, Kufri Jyoti, Kufri Alankar, Kufri Chandranukhi, etc.
Curcurbits	Harvesting	The cucurbitaceous crop should be harvested for sale and regular checks for white fly should be done.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Buffalo/Cows	The animals should be protected against the spread of lumpy skin disease and should be vaccinated against it.