



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for UDAMSINGH-NAGAR
District
Govind Ballabh Pant University of Agriculture & Technology
 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date : 2024-11-05

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-11-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-11-06	2024-11-07	2024-11-08	2024-11-09	2024-11-10
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	31.0	30.0	30.0
Tmin(°C)	17.0	17.0	17.0	16.0	16.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	2	2	3	2	2
Wind Direction(Degree)	140	90	160	160	180
Cloud Cover(Octa)	1	1	2	1	1

Weather Summary/Alert:

Last week (29th October to 4th November) the region did not receive any rainfall and maximum-minimum temperatures ranged from 30.2 to 32.0°C and 16.9 to 19.1°C respectively. The morning and evening relative humidity ranged between 89-94% and 49-59% respectively while the wind was blowing from west-north-west, north-north-west, south-south-east, north and east-north-east at a speed of 0.9-2.0 kmph. The weather was clear last week. As per the upcoming forecast, there will be no rainfall between 6-9th November and maximum-minimum temperatures are expected to be 30.0-31.0°C and 16.0-17.0°C respectively. The wind is expected to blow from east, south-east, south-south-east and south at a speed of 2-3 kmph. Dry weather likely to prevail from 5-9th November.

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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 and normal minimum temperature trend during 01.11.2024 to 07.11.2024.

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SMS Advisory:

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA	Rhizobium and PSB treated chickpea 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	Rhizobium and PSB treated lentil varieties should be sown. 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	Rhizobium and PSB treated field pea varieties should be sown. 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	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	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	Under rainfed conditions the crop should be sown till first week of the month and under irrigated conditions till first fortnight of the month.
BARSEEM	Rhizobium treated seeds of high fodder production varieties like UPB-110, maskavi, pusa jayant, bardaan should be used for sowing.
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Horticulture Specific Advisory:

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PUMPKIN	Bottle gourd, ridge gourd, cucumber and bitter gourd should be harvested and sent for sale in the market.
RADISH	Sowing of radish varieties as Japanese White, Hill Queen and Pusa Mridula. Seed treatment should be done with Captan at the rate of 2g/kg seeds
CARROT	Sowing of carrot varieties as Pusa Rudhira, Pusa Kesar should be done. Seed treatment should be done with Captan at the rate of 2g/kg seeds
ONION	The sowing of rabi onion crop can be done in this month
KNOL KHOL	Treated seeds of knol khol varieties as White Vienna, Purple Vienna should be done.
SPINACH	Sowing of palak varieties as Palak Green, Pusa Bharti should be done.
FENUGREEK	Sowing of methi varieties as Pusa Kasuri should be done.
CORIANDER	Sowing of coriander varieties as Pant Haritima should be done.
POTATO	Sowing of potato can be taken up in this month such as Kufri Badshah, Kufri Jyoti, Kufri Alankar, Kufri Chandranukhi, etc.

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Live Stock Specific Advisory:

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BUFFALO	Vaccination of FMD (Foot and Mouth Disease) should be given to the animals. Foot and Mouth Disease is identified by red eyes, high fever, less productivity and food taken capacity, Mouth ulcers, wound in foot due to delay in the treatment of animals. Infected animals should be separated from healthy animals.
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Others (Soil / Land Preparation) Specific Advisory:

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GENERAL ADVICE	The standing late sown kharif crops such as rice, urd, green gram, soyabean and till should be harvested so that rabi crops can be timely sown.
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