



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 : 2024-11-29

Weather Forecast of District UDAMSINGH-NAGAR (Uttarakhand) Issued On : 2024-11-29 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-11-30	2024-12-01	2024-12-02	2024-12-03	2024-12-04
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	27.0	28.0	28.0
Tmin(°C)	8.0	8.0	8.0	9.0	9.0
RH-I(%)	92	95	90	85	85
RH-II(%)	70	71	74	72	70
Wind Speed(kmph)	4	4	5	5	4
Wind Direction(Degree)	360	330	350	340	320
Cloud Cover(Octa)	0	0	0	0	0

Weather Summary/Alert:

In the last seven days (22 to 28 November) 0.0 mm rainfall was recorded with maximum and minimum temperatures ranging between 25.2 to 27.1°C and 9.0 to 11.0°C. During the last week weather remained clear. Morning relative humidity at 0712 hrs ranged between 84 to 95% and evening relative humidity at 1412 hrs ranged between 37 to 49%. Wind speed was 0.7 to 1.7 km per hour and wind direction was mostly north-north-west, east, west, west-north-west and south-south-east. The upcoming 5 days forecast shows no rainfall. The maximum and minimum temperatures would range 27.0-28.0 degrees Celsius and 8.0-9.0 degrees Celsius. Winds with a speed of 4-5 kmph would mostly blow from north, north-west-north, north-west, north-north-west and north-west direction. Dry weather is expected in the upcoming week .

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 0.10-0.30. The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 29.11.2024 to 05.12.2024

SMS Advisory:

As per the IMD forecast, no rainfall has been predicted in the region, thus the harvested produce should be properly dried and rabi crop sowing should be done.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
SUGARCANE	Regular monitoring of the crop should be done and regular weeding-hoeing operations should be carried at 25-30 days interval while irrigation should be applied to the freshly germinated crop as per requirement.
PIGEON PEA (RED GRAM/ARHAR)	The harvested produce should be dried properly, the threshed and stored for further usage while pest control should be done in the standing crop of late

Crop (Stage)	Crop Specific Advisory
	varieties.
CHICK PEA	The crop should be regularly monitored and at 25-30 and 45-50 days interval, weeding & hoeing of the crops should be done. In case of weedicide application chemicals such as 32 E.C. (Pendimethalin 32 EC + Imazethapyr 2 EC) 1.0 kg in 200-250 litre water can be applied. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
LENTIL	The crop should be regularly monitored and at 25-30 and 45-50 days interval, weeding & hoeing of the crops should be done. In case of weedicide application chemicals such as 32 E.C. (Pendimethalin 32 EC + Imazethapyr 2 EC) 1.0 kg in 200-250 litre water can be applied. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.
RAPESEED	The germinating crop should be regularly monitored and irrigation should be applied as required.
MUSTARD	The germinating crop should be regularly monitored and irrigation should be applied as required.
WHEAT	Moisture should be maintained while sowing the crop and sowing of early varieties should be done. First irrigation should be applied at 25-30 days interval.
BARLEY	Sowing of the crop should be done in the second fortnight of the month.
FIELD PEA	The crop should be regularly monitored and at 25-30 and 45-50 days interval, weeding & hoeing of the crops should be done. In case of weedicide application chemicals such as 32 E.C. (Pendimethalin 32 EC + Imazethapyr 2 EC) 1.0 kg in 200-250 litre water can be applied. To track insects, 5-6 pheromones traps/ha should be placed in the field at the time of flowering. If 5-6 moths/trap are observed for a continuous period of 2-3 days then one of the following pesticide should be used i.e. NPV equivalent for 500 larvae or BT @ 1kg/ha or Indoxacarb 14.5 EC @353-400 ml or emamectin benzoate 5 SG @220 mg or Spinosad 45 SC @125-162 ml/ha.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
RADISH	The European variety can be sown @6-8 kg/ha and Asian variety @10-12 kg/ha while the line to line sowing distance should be 20-25 cm and plant to plant distance should be 8-10 cm.
TOMATO	Nursery sowing can be done and the seedlings can be transplanted after 4-6 weeks.
CAPSICUM	Nursery sowing should be done and transplanting of the seedlings should be done after 4-8 weeks.
CARROT	The European variety can be sown @5-6 kg/ha with the line to line sowing distance of 20-40 cm and plant to plant distance should be 5-7 cm.
BEETROOT	The European variety can be sown @7-10 kg/ha with the line to line sowing distance of 30-45 cm and plant to plant distance should be 10-15 cm.
VEGETABLE PEA	Sowing can be done @80-120 kg/ha with the line to line distance of 30-45 cm and plant to plant distance of 5-10 cm. Monitoring should be done of the growing crop.

Live Stock Specific Advisory:

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BUFFALO	With the changing weather, there is a high chance of Nimonia in newborn babies of animals. So, it is advised that animal shed should be protected from

Live Stock	Live Stock Specific Advisory
	cold and hot food should be given to the animals.
COW	After monsoon, various kinds of internal parasite may be generated in the food canal so medicine i.e. anthelmintic should be given to the animals firstly.