



Gramin Krishi MausamS ewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology
Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 05.04.2024

Weather Forecast of District UDHAMSINGH-NAGAR (Uttarakhand) Issued On: 2024-04-05 (Valid Till 08:30 IST of the next 5 days)

Parameter	06/04/2024	07/04/2024	08/04/2024	09/04/2024	10/04/2024
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Max Temp(°C)	35.0	34.0	34.0	34.0	35.0
Min Temp(°C)	14.0	13.0	13.0	13.0	14.0
Max RH I (%)	65	65	65	65	65
Min RH II (%)	30	30	30	30	30
Wind speed (km/h)	15	12	12	10	10
Wind direction	270	270	270	270	270
Cloud cover	3	1	1	1	1

Weather Summary/Alert:

During last week (29 March to 4 April) no rainfall was recorded and the maximum-minimum temperature ranged between 32.5 to 36.5°C and 12.5 to 20.9°C, respectively. The morning and evening relative humidity ranged between 49-88% and 15-51%, respectively. The wind blew from south-south-west, east-north-east, west-north-west and west at a speed ranging 10-15 kmph. The weather remained clear with clouds during morning hours on few days last week. The upcoming week is expected to receive no rainfall with maximum-minimum temperature ranging 34.0-35.0°C and 13.0-14.0°C, respectively. The wind is expected to blow from west direction at a speed of 10-15 kmph. The weather is expected to remain dry in the region.

General Advisory:

A regular update regarding weather forecast and agrometeorological advisory is available on the "Meghdoot App" while "Damini App" is also available to get lightning information. Meghdoot and Damini apps can be downloaded from Google Play Store (Android users) and App Center (iOS users). The NDVI composite shows moderate agricultural vigour in the region. The extended range forecast system shows that the predicted trend from 5 April-11 April would observe deficient rainfall, normal maximum and below normal minimum temperature trend. Ploughing of orchard should not be done at the time of flowering and irrigation should be applied to the orchard. In the crops sown for wheat seeds and other seeds, at crop ripening, last rouging and destroying of undesirable plants and weeds should be done and the field should be cleaned completely.

SMS Advisory:

As per India Meteorological Department, dry conditions are predicted so the farming operations should be scheduled accordingly and irrigation should be applied as required by the crops.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Chickpea/Lentil/Field pea	Physiological maturity	Harvest the mature crop and dry the pods properly for storage and in case of late sown crop pod borer attack can be controlled using various chemical applications like Indoxacarb, Emamectin benzoate and Chlorantraniliprole.
Urd/moong (Black gram/Green gram)	Sowing	The sowing of rhizobium and PSB treated varieties like Pant urd 10, 31 and 40 @200 g / 10 kg seed amount should be done in case of urd and Pant moong 4 and 5 varieties or others treated with Trichoderma powder @5 g/kg seed amount should be done in case of moong. The sowing can be intercropped with sugarcane crop.
Mustard	Harvesting	The harvested pods should be dried well before storing.
Wheat	Harvesting	The mature crop should be harvested and dried well before storage.
Sugarcane	Vegetative	Irrigation application and regular weeding-hoeing should be carried out as per requirement in spring planted sugarcane. Top-dressing of urea should be done after irrigation in autumn planted sugarcane and new crop of sugarcane
Fodder maize	Vegetative	February sown crop should be irrigated and after 3-4 days, top-dressing of urea should be done.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Mango	-	On occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liters should be sprayed in the mango orchard.
Papaya	-	In plains, the papaya orchard basin should be cleared and mature fruits should be sent to market. Nursery sowing should be done for new Papaya crop.
Tomato/chilli	Vegetative	In tomato/chilli crop, roots should be dipped in imidachloprid @1g/lit of water for 10-15 min before transplanting and on occurrence of contracted piebald leaves in early transplanted crops, infected plants should be removed and destroyed.
Brinjal	Transplanting	Transplanting from prepared nursery saplings should be done.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.

Poultry Specific Advisory

Poultry	Poultry Specific Advisory
Hen	For obtaining the high production from poultry birds, temperature of their dwelling places should be maintained. Balanced diet, fresh and neat water should be given to them.