



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



Agromet Advisory Bulletin

Date : 07-05-2024

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2024-05-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-08	2024-05-09	2024-05-10	2024-05-11	2024-05-12
Rainfall(mm)	0.0	0.0	1.0	2.0	3.0
Tmax(°C)	39.0	38.0	37.0	36.0	36.0
Tmin(°C)	21.0	20.0	19.0	18.0	18.0
RH-I(%)	70	70	70	70	70
RH-II(%)	30	30	30	35	35
Wind Speed(kmph)	14	14	18	16	16
Wind Direction(Degree)	130	110	130	130	130
Cloud Cover(Octa)	1	2	3	4	3

Weather Summary/Alert:

Last week (30 April to 6 May) no rainfall was recorded and the maximum-minimum temperature varied between 35.1 to 40.0 and 14.0 to 20.5, respectively. The morning and evening relative humidity ranged between 42-75% and 11-26%, respectively while the wind blew from west and west-south-west at a speed varying between 3.6-6.7 kmph. Weather was clear on most of the days last week with cold nights and hot days. Strong winds were observed on few days. The upcoming forecast shows very light rainfall of 1 - 3 mm from 9-11 May and maximum-minimum temperature are expected to vary between 36.0-39.0oC and 18.0-21.0oC, respectively. The wind is expected to blow from south-east and east-south-east direction at a speed of 14-18 kmph. Light rainfall is expected at many places on 11th May. Light rainfall is likely to occur at few places in U.S.Nagar on 9th & 10th May. A yellow alert regarding occurrence of thunderstorm, lightning and strong gale (40-50 kmph) has been given for 9 and 10 May and similar conditions may continue to exist with strong gale (50-60 kmph) on 11 May

General Advisory:

Farmers can download the "Meghdoot" and "Damini" app available for regular update of meteorological and lightning data, respectively from Google Play Store (Android users) and App Centre (iOS users). The NDVI shows moderate agricultural vigour in the region. The extended range forecast shows normal rainfall and below normal maximum-minimum temperature trend during 03.05.2024 to 09.05.2024. Deep ploughing of the fields should be done after harvesting of rabi crops so that insect eggs and weeds are destroyed. Rain and strong winds are expected so the dried produce should be threshed and stored well.

SMS Advisory:

As per the IMD forecast , light rainfall with strong gale has been predicted at few places so all the harvested produced should be threshed and stored well.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
CHICK PEA (Harvesting)	The late sown crop should be harvested soon and all the farming operations should be done keeping the harvest in mind.
SUNFLOWER (Flowering)	The crop should be regularly irrigated as per requirement at flowering/seed formation and regular weeding-hoeing should be done. Proper measures should be taken to protect the heads from birds and parrots. All the farming operations should be done keeping the forecast in mind.
BLACK GRAM (Vegetative)	The crop should be irrigated as and when required and farming operations should be scheduled as per the forecast.
DAINCHA (Sowing)	Green manuring should be done after harvesting wheat and other crops which can be done by sowing dhaincha @50-60 kg/ha and sunai @80-90 kg/ha as per the soil. Farming operations should be scheduled as per the forecast.
SUGARCANE (Vegetative)	Regular irrigation application along with hoeing-weeding should be done and after irrigation top-dressing of urea should be done. The farming operations should be scheduled keeping the forecast in mind.
FODDER SORGHUM (Sowing)	Sowing of fodder sorghum can be done and irrigation should be applied after sowing. All the farming operations should be scheduled keeping the forecast in mind.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Vegetative)	To control the root and stem rot diseases in cowpea (lobia), make a solution of carbendazim @ 1g/lit of water and irrigate the roots. All farming operations should be done keeping the forecast in mind.
GINGER (Sowing)	After pre-sowing irrigation ginger sowing can be done. Farming operations should be scheduled as per the forecast.
PUMPKIN (Flowering)	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed. All the farming operations should be scheduled as per the forecast.
FRENCH BEAN (Vegetative)	To control the root and stem rot diseases in french bean, make a solution of carbendazim @ 1g/lit of water and irrigate the roots. All the farming operations should be scheduled as per the forecast.
OKRA/ LADYFINGER (Vegetative)	If the veins of leaves of okra crop are turning yellow, then destroy the plants and Sarvangi insecticide should be sprayed to control the juice sucking insects. All the farming operations should be scheduled as per the forecast.
BRINJAL (Vegetative)	Light irrigation, weeding and hoeing should be done in the crop. All farming operations should be scheduled as per the forecast.
MANGO (Fruit formation)	In case of mealy bug appropriate mechanical or chemical measures should be taken. A 400 gauge polythene around the trunk would be efficient to avoid the ascent of nymphs. Chemical means like 0.05 percent Monocrotophos or 0.2 percent Carbaryl, or 0.05 percent Methyl Parathion spray has been found useful in controlling the mealy bug's early instar nymphs. All the measures should be taken as per the forecast.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.
COW	The animals should be kept in well ventilated places and should be continuously supplied with sufficient water. Proper fans and coolers should be arranged and the animals should be regularly washed with cold water to keep them calm. Animals of two months of age should be given an anthelmintic medicine called Piperazine and animals of two to four months of age should be vaccinated against lameness and fever.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	After harvesting the rabi crops, the fields should be cleaned well, ploughed deep to expose the harmful insects, their stages and harmful weeds for destruction.