



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



Agromet Advisory Bulletin

Date : 30-07-2024

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

Parameter	2024-07-31	2024-08-01	2024-08-02	2024-08-03	2024-08-04
Rainfall(mm)	15.0	30.0	30.0	10.0	1.0
Tmax(°C)	35.0	33.0	32.0	31.0	31.0
Tmin(°C)	24.0	23.0	23.0	23.0	23.0
RH-I(%)	95	95	95	90	85
RH-II(%)	65	65	60	60	60
Wind Speed(kmph)	10	12	12	10	14
Wind Direction(Degree)	130	130	130	130	130
Cloud Cover(Octa)	7	8	8	8	7

Weather Summary/Alert:

Last week (23 to 29 July) the region received 58.6 mm rainfall and maximum-minimum temperatures were 33.5 to 35.5 degree Celsius and 25.9 to 29.0 degree Celsius respectively. Relative humidity in the morning and evening ranged between 83-97% and 61-88% respectively, while the wind blew from east-southeast, east-northeast, south-east and south-southeast at a speed of 2.0-6.6 kmph. Last week it was cloudy most of the days and it rained on some days. According to the upcoming forecast, from 31-04 August, there will be 1-30 mm light to moderate rainfall and maximum-minimum temperatures are likely to be 31.0-35.0 degree Celsius and 23.24 degree Celsius respectively. The wind is likely to blow from east and south-east direction at a speed of 10-14 kmph. Light to moderate rainfall is likely at most places on 31st July and 01st August, 2024 and light rainfall is likely at many places on 2nd August, 2024.

General Advisory:

For regular updates about weather conditions in the region, farmers can get updates from "Meghdoot" app and get updates about lightning status from "Damini" app available on Google Play Store (Android users) and App Center (iOS users). NDVI between 0.15-0.40 indicates good agricultural vigour in different parts of the state. Extended period forecast shows above normal rainfall, below normal maximum and minimum temperature trend during 29.07.2024 to 04.08.2024.

SMS Advisory:

Light to moderate rainfall is likely at most places on 31 July and 01 August 2024

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Germination)	The transplanting should be completed in this month and gap filling of the plots should be done within 10 days. Also, for already transplanted rice the fertilizers and weedicide can be applied under clear weather conditions. The weeding of the rice field should be done at 20 and 40 days interval. In case labour is not available, butachlor 50 E.C. @ 3 litre per hectare/ anilophos 30 E.C. @1.5 litre per hectare/ Pretilachlor 50 E.C. @1.5 litre per hectare in 500 litre water can be applied within 3 days of transplanting. All the chemical applications should be carried out keeping the forecast in mind.
SUGARCANE (Vegetative)	In case of water logging, proper drainage should be arranged and sufficient soil should be applied to the roots of sugarcane. When the growth of the crop is good, tie it at a height of 5 feet.
MAIZE (Vegetative)	Water logging should be avoided. Weeding and hoeing should be done in the last month sown maize crop. The top dressing of urea should be done when crop attains the height of around 2 feet. However, all the farming operations should be done keeping the forecast in mind
BLACK GRAM (Sowing)	Seeds treated with bio-controller Trichoderma powder @5 gm/kg should be used along with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg seeds. The sowing should be scheduled as per the forecast.
GREEN GRAM (Sowing)	Seeds treated with bio-controller Trichoderma powder @5 gm/kg should be used along with biofertilizers like Rhizobium and P.S.B. @200 gm / 10 kg seeds. The sowing should be scheduled as per the forecast.
GROUNDNUT (Vegetative)	In groundnut, weeding should be done at an interval of 15-20 days after sowing. To destroy the weeds chemically, Pendimethalin 30 EC, 3.3 liters or 4 liters of Alachlor 50 EC dissolved in 500 -700 liters of water should be sprinkled after sowing and before the germination of weeds. Any chemical spraying should be done keeping the forecast in mind .
SESAME (GINGELLY/TIL) (Sowing)	The proper time for sesame sowing is the second fortnight of the month and the seed rate should be 3-4 kg/ha. To prevent seed borne diseases the seeds should be treated @2.5 g Thiram or Captan per kg of seeds

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI (Transplanting)	Chilli should be transplanted on ridges to avoid damage due to water logging with row to row and plant to plant distance of 50cm. Avoid drainage as excess amount of water for about 24 hours in the field dries up the crop. Transplanting should be scheduled as per the forecast.
TOMATO (Vegetative)	There are chances of occurrence of disease after rainfall so destroy infected plants (when shriveled pitted leaves are visible) to control viral diseases and spray all purpose insecticides to control sap-sucking insects. Spray Mancozeb 2.5g/l or Copper oxychloride 3.0g/l of water to prevent outbreak of blight. Farmer brothers, spraying should be done keeping the weather forecast in mind.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO (Physiological Maturity)	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
COW	July is the month of delivery, so at the time of delivery of the animal, they should be constantly monitored and cleaned thoroughly after calving. 200 ml

Live Stock	Live Stock Specific Advisory
	of any one of the medicines named Utrotane / Harira / Ginetone in the morning and evening for three days Till should be given for cleaning the uterus. The cattle shed should be cleaned regularly 2- 3 times during the rainy season.
GOAT	Small ruminant animals like sheep, goats and newborn calves should be protected from getting wet during rainy days so that they do not get cold/cough/pneumonia.