



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Govind Ballabh Pant University of Agriculture & Technology



Udham Singh Nagar, Pantnagar, Uttarakhand

Agromet Advisory Bulletin

Date : 15-11-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-11-15(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-11-16	2022-11-17	2022-11-18	2022-11-19	2022-11-20
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	26.0	26.0	26.0
Tmin(°C)	9.0	8.0	8.0	9.0	9.0
RH-I(%)	85	80	75	70	70
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	8.0	6.0	6.0	6.0	6.0
Wind Direction(Degree)	270	310	320	320	270
Cloud Cover(Octa)	0	0	0	0	1

Weather Summary/Alert:

In the last seven days (8 – 14 Nov, 2022), there was 0.0 mm rain and the sky was clear to cloudy. The maximum & minimum temperatures ranged between 26.5 to 28.0°C and 8.5 to 17.9°C respectively. Relative humidity ranges from 84 to 95 % at 0712 hrs and 38 to 69 % at 1412 hrs. The wind was mainly from the ENE & ESE with a speed of 0.0 to 1.3 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 26.0-27.0 deg C & 8.0-9.0 deg C respectively. Wind will blow with a speed of 6.0 km/hr from the W & NW direction. As per ERF, rainfall, maximum & minimum temperature will be normal in the state from 20 to 26 November.

General Advisory:

IMD Weather forecast and Agrometeorological advisory of your location is now available on Meghdoot mobile app in English and regional languages. Kindly download from following link Android: <https://play.google.com/store/apps/details?id=com.aas.meghdoot> iOS: <https://apps.apple.com/in/app/meghdoot/id1474048155> Check the quantity of brix in the juice of ratoon sugarcane crop. When quantity of brix reaches up to 18%, then cutting of sugarcane should be done and send them to the mill. Immediately after the harvesting of sugarcane, field should be prepared for rabi crops.

SMS Advisory:

Wheat should be sown in the first week of the month in irrigated condition and first fortnight in irrigated condition.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
CHICK PEA	In irrigated condition, normal sowing of gram should be completed in the second fortnight of November. Gram varieties like- Pusa 256, K-850, Avrodhi, Pant G-186, Pant Kabuli Chana-1 etc should be sown in the irrigated condition at a depth of 6-8cm and line to line distance should be 45cm. Before sowing, seed should be purified in the mixture of 1g Carbendazim and 2 g Thyram. After that it should be treated with Rhizobium culture and Phosphorus solubilizing culture. Seed rate for small and mid grain variety and coarse grain variety should be 60-80Kg/ha and 80-100Kg/Ha respectively. 15-20 Kg nitrogen, 40-50 Kg Phosphorus and 20-30 Kg Potash should be applied in the field before sowing.
BARLEY	In irrigated condition, sowing of barley should be completed in the second fortnight of this month.
WHEAT	Seed treatment should be done before sowing of rabi crops. Seeds of wheat should be treated by Carboxin @ 2g/kg seeds or Tebuconazole @ 1.5g/kg seeds.
SUGARCANE	Weeding and hoeing should be done after 25-30 days of sowing of winter season sugarcane crop. After 30-40 days of sowing, irrigation should be given as per requirement of the crop.
RADISH	Seed rate for European and Asian variety of Radish should be 6-8Kg/ha and 10-12 kg/Ha respectively. Dung manure should be applied in the field before sowing the seed of radish. Fertilizer should be used on the basis of soil testing and distance of line of sowing should be 20-25cm. On the germination of seed plant to plant distance should be maintained at a distance of 8-10 cm.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	To control the leaf spot disease in cole crops, solution of mancozeb @ 2.5 g/liter of water should be sprayed.
TOMATO	On the shrinkage or getting piebald of upper leaves of tomato, infected plants should be removed and destroyed. To control the disease carried insects any sarvangi insecticide should be sprayed.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	With the changing weather, there is a high chance of Niomonina in newborn babies of animals. So, it is advised that animal shed should be protected from cold and hot food should be given to the animals.
COW	After monsoon, various kinds of internal parasite are generated in the food canal. So, firstly Anthelmintic should be given to the animals.