



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 : 23-08-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-08-23(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-24	2022-08-25	2022-08-26	2022-08-27	2022-08-28
Rainfall(mm)	0.0	2.0	0.0	0.0	2.0
Tmax(°C)	35.0	35.0	36.0	36.0	36.0
Tmin(°C)	27.0	27.0	27.0	28.0	28.0
RH-I(%)	70	70	70	85	85
RH-II(%)	50	55	50	50	50
Wind Speed(kmph)	12.0	6.0	6.0	10.0	8.0
Wind Direction(Degree)	120	140	230	230	140
Cloud Cover(Octa)	5	8	8	3	7

Weather Summary/Alert:

In the last seven days (16 – 22 Aug, 2022), there was 30.8 mm rain and the sky was Cloudy to dense cloudy. The maximum & minimum temperatures ranged between 32.5 to 35.0°C and 23.4 to 26.9°C respectively. Relative humidity ranges from 77 to 95 % at 0712 hrs and 59 to 75 % at 1412 hrs. The wind was mainly from the ENE, ESE, WSW & WNW with a speed of 0.4 to 7.9 km/hour. In the coming five days, very light rain on 24 & 27 August may likely occur and weather will remain clear on remaining days. Maximum & minimum temperature may range from 35.0 to 36.0 deg C & 27.0 to 28.0 deg C respectively. Wind will blow with a speed of 6.0-12.0 km/hr from the ESE, SE & SW direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be normal in the state from 28 August to 3 September.

General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users). Establishment of new orchard should be done.

SMS Advisory:

In the coming five days, very light rain on 24 & 27 August may likely occur otherwise weather will remain clear.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	In some areas, infestation of bacterial leaf blight are found in the paddy crop. If tip of the leaves turn white or both sides of leaf turned white then in these fields spraying of 500g Copper oxichloride and 15g streptocyclin in 1000 liter water should be done. These chemicals should be sprayed again at 7-10 days interval. Spraying of chemical should be done in clear weather.
RICE	On the occurrence of stem borer above ETL, chlorantraniliprole 20 SC @150ml/ha or f lubendiamide 480 SC @ 75ml/ha or Fipronil 5 SC @ 1.0 lit or 600 g Cartap hydrochloride 50 WP or 2,5 lit of Chlorpyrifos 20 EC in 500-600 lit of water /ha should be sprayed
MAIZE	To control the leaf blight disease in maize crop, mancozeb @ 2.5g/lit of water should be sprayed.
SUGARCANE	On the occurrence of white fly in sugarcane crop, thiamethoxam 25 WG @ 125 g/ha should be sprayed and to save to crop from damage due to white grub, Fipronil 40 %+ Imidacloprid 40% WG @ 500g/ha should be sprayed.
CITRUS	To control the Citrus canker disease, spraying of 180g Copper-Oxichloride and 6g Straptocycline in 60 liter of water should be done in the trees. Spraying of chemical should be done in clear weather.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	On the occurrence of white fly in brinjal, Sumiprempt (Pyriproxyfen 5% + Fenpropathrin 15 % EC) @ 500-750 ml/hectare in 500-750 litre of water should be sprayed. Its waiting period is 7 days.
PUMPKIN	On the occurrence of yellow-brown spot in the leaves of cucurbitaceous crops, solution of mancozeb @ 2.5 g/ lit of water should be sprayed by keeping in view the weather forecast.
SPINACH	Field should be prepared for early variety of Spinach (Palak) and sowing should be done in this month. Spinach should be sown at 25-30 cm distance in the lines and seed rate should be @25-30kg seeds/Ha.
MANGO	In this month, there is a chance of the occurrence of tent caterpillars in mango. So tent should be removed with the help of tent removable device and effected part should be removed and burnt together with insects

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To save the animal from Gal-Ghotu disease, tie them in neat and clean places. When symptoms of Gal-Ghotu disease appeared in the animals, then inject Suphonamides like Sulphamethazine or Sulphadimidne 150Mg/Kg in the veins of animal for three days with the advice of Veterinarian. After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.
COW	After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.