



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 : 13-04-2023

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2023-04-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-14	2023-04-15	2023-04-16	2023-04-17	2023-04-18
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	36.2	37.4	38.0	38.4	39.0
Tmin(°C)	14.8	15.4	16.1	16.4	17.3
RH-I(%)	21	20	16	18	19
RH-II(%)	8	7	6	6	6
Wind Speed(kmph)	12	11	13	12	14
Wind Direction(Degree)	19	292	56	22	296
Cloud Cover(Octa)	1	1	0	1	1

Weather Summary/Alert:

In the last seven days (6 - 12 April, 2023), 0.0 mm of rain was received and the sky remained clear with light clouds. The maximum temperature was between 30.5 to 35.0 °C and the minimum temperature was 12.6 to 14.4 °C and the relative humidity in the air at 0712 am was 70 to 84 percent and at 1412 pm the relative humidity was 17 to 25 percent and the wind speed was 0.9 to 6.2 km per hour. The speed mainly moved from North, West South West and West-North-West directions. In the coming five days, the weather will be clear. The maximum and minimum temperature will be 36.0 to 39.0 and 14.0 to 17.0 degree Celsius respectively. The wind is expected to move from West-North-West and West South West direction with a speed of 11.0-14.0 km/h.

General Advisory:

Due to dry weather conditions, the temperature is very likely to increase by 2-3°C from April 12 to 15, 2023, with the maximum temperature at many places over Uttarakhand being 5 to 7°C above normal. Consequently, the maximum temperature is likely to reach 37 -38 °C over the plains around 15 -16 April 2023. After April 17, 2023, the effect of change in the weather will be seen again, there is a possibility of light to moderate rain with thunderstorms and strong winds in most of the areas of Uttarakhand, as well as there will be a drop in temperature, so this advice is given to the farmer brothers. It is that by 17-18 April 2023, harvest your mature crops and store them in a safe place.

SMS Advisory:

The weather will remain dry for the next five days. Farmer brothers are advised to harvest their mature crops and store them in a safe place by 17th April 2023.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Harvesting and threshing of wheat crops should be completed. Harvested grain should be adequately dried before storage.
SUGARCANE	Sowing of late sown sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used.
LENTIL	Harvesting of crop should be done in the morning, immediate after maturity. Grains should be dried well before storage.
GARLIC	Garlic crop will be at its maturity almost at the end of this month so it is advised that irrigation should be stopped before 15 days of harvesting of crop.
FODDER MAIZE	To solve the shortage of green fodder for animals in the month of April, sow multi-harvest crops such as jowar, cowpea, maize, millet etc. for fodder at this time. For full production, complete the sowing of jowar by the second week of April and sowing of bajra and cowpea by the end of April.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	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.
COLOCASIA/ TARO	In plains, Bhabar and Terai areas, sow early variety of colocasia this month.
MANGO	The blossom affected by gumma disease should be plucked and removed. Irrigation should be started when the fruit of mango gain the size like pea. Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	If symptoms of mastitis are seen in dairy cattle , treat it immediately. 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. To avoid heat waves provide proper ventilation.
COW	If symptoms of mastitis are seen in dairy cattle , treat it immediately. 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. To avoid heat waves provide proper ventilation.

Poultry Specific Advisory:

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