



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 : 11-04-2023

Weather Forecast of District NAINITAL(Uttarakhand) Issued On : 2023-04-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-12	2023-04-13	2023-04-14	2023-04-15	2023-04-16
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	22.0	23.0	24.0	24.0	25.0
Tmin(°C)	10.0	11.0	11.0	11.0	11.0
RH-I(%)	65	65	70	70	75
RH-II(%)	30	30	30	30	30
Wind Speed(kmph)	6	8	8	6	6
Wind Direction(Degree)	320	290	270	270	70
Cloud Cover(Octa)	1	0	1	4	1

Weather Summary/Alert:

In the next five days, the weather will be clear. The maximum and minimum temperature will be 22.0 to 25.0 and 10.0 to 11.0 degree Celsius respectively. The wind is expected to blow from the West-North-West, West South West and East North East direction with a speed of 6.0-8.0 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 around 15 -16 April 2023 is likely to reach 24 -25 °C over the hills (around 2000 m) of Uttarakhand. These Due to higher temperature conditions, the incidence of forest fires in the hills of Uttarakhand may increase. Therefore, farmer brothers should save their crops from fire and harvest the mature crops at the earliest and store them in a safe place. In order to protect crops from heat stress, farmers are advised to irrigate their fields regularly keeping in view the rainfall received in the past. Report all unattended wildfires to the local fire department/authority immediately. To prevent animals from overheating, provide proper ventilation and use any cooling source to maintain a favorable temperature. Give animals adequate feed, mineral and vitamin mixtures to provide extra energy and a regular supply of fresh feed and clean water at ambient temperature. Isolate diseased animals.

SMS Advisory:

The weather will remain dry for the next five days. Harvesting of peas, lentils and chickpeas should be done in the early morning immediately after harvesting and provide proper shelter to the animals

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Farmer brothers, when the color of the ears of wheat becomes golden and the grains of the ears become hard, then harvest the ready crop. In medium and high altitude areas, foliar spraying should be done by making 2 percent urea solution in non-irrigated crops.
RICE	In hilly areas, sow Chetki paddy in unirrigated condition.
LENTIL	Farmer brothers, after carefully harvesting and threshing the mature crop, store the produce.
FIELD PEA	Farmer brothers, after carefully harvesting and threshing the mature crop, store the produce.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	In the valleys, to control the blight disease in potato crop, make a 0.25% solution of Indofil-45 and spray it, irrigate and apply 50 kg urea/ha to the standing crop. At the time of preparation of the field, apply 200 quintals of decomposed cow dung manure and also use chemical fertilizers on the last plowing as per availability and sow seeds at a distance of 15 cm by making bunds at a distance of 60 cm.
TOMATO	If seedlings of tomato are ready in the valley region then it should be transplanted as per recommendations for the region. In mid hilly regions, seeds of brinjal should be sown in the polyhouse or polynet. In the previously sown crop, weeding and irrigation should be done as per the requirement. To prevent the blight disease, make a solution of 0.25% Indofil-45 spray it.
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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	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.