



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 : 29-03-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-03-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-30	2022-03-31	2022-04-01	2022-04-02	2022-04-03
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	36.0	36.0	37.0	36.0	37.0
Tmin(°C)	15.0	15.0	15.0	16.0	16.0
RH-I(%)	70	70	75	75	75
RH-II(%)	30	35	35	35	40
Wind Speed(kmph)	8.0	8.0	10.0	8.0	8.0
Wind Direction(Degree)	310	120	120	130	140
Cloud Cover(Octa)	1	0	0	0	0

Weather Summary/Alert:

In the last seven days (22 – 28 March, 2022), there was 0.0 mm rain and the sky was Clear. The maximum & minimum temperatures ranged between 32.5 to 34.5°C and 14.2 to 17.0°C respectively. Relative humidity ranges from 84 to 93 % at 0712 hrs and 27 to 49 % at 1412 hrs. The wind was mainly from the N & WNW with a speed of 2.0 to 6.9 km/hour. In the coming five days, weather will remain clear. Maximum & minimum temperature may range from 36.0 to 37.0 deg C & 15.0 to 16.0 deg C respectively. Wind will blow with a speed of 8.0-10.0 km/hr from the ESE, SE & NW direction. As per ERF, the rainfall will be below normal and maximum & minimum temperature will be above normal in the state from 3 to 9 April.

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). Ploughing of orchard should not be done at the time of flowering. Irrigation should be applied to the orchard. In the crops sown for wheat and other seeds, at the time of ripening of the crop, do the last rouging and destroy the undesirable plants and weeds by removing them from the field. And clean the field completely.

SMS Advisory:

The weather will be dry in the coming days. Insecticides should not be used at the time of flowering because this may be dangerous and causes the dying of pollinator.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
WHEAT	Necessary irrigation should be given in the wheat crop as needed. Remove weeds like Gulli Danda and jalgi jai (wild oats) and destroy them. Harvesting of wheat should be done when their spikes turn golden and grain become hard. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher. If harvesting should be done with combine then moisture in the grains should not be exceeded by 20%.
BARLEY	Harvesting of barley should be done when their spikes turn golden and grain become hard. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher. If harvesting should be done with combine then moisture in the grains should not be exceeded by 20%.
GREEN GRAM	Sow the green gram (moong). Sowing of moong in the Terai region should be completed by the end of March.
FODDER MAIZE	Sowing of fodder crops like chari, Maize, bajara, makchari, lobia and jawar etc should be completed.
FIELD PEA	Harvesting of field pea should be done when 90% of pods turn brown after maturing. Threshing of crop should be done after drying and proper storage of grains should be done.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	In tomato crop, roots should be dipped in to the solution of imidachloprid @1g/lit of water for 10-15 min before transplanting. On the occurrence of contracted piebald leaves in early transplanted crops of tomato, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
VEGETABLE PEA	When lower leaves of pea are turning yellow and plants are drying, then roots of pea crop should be irrigated with the solution of carbendazim @ 1 g/ lit of water.
CHILLI	Roots of chilli crop should be dipped in to the solution of imidachloprid @1g/lit of water for 10-15 min before transplanting. On the occurrence of contracted piebald leaves in early transplanted crops of chilli, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
MANGO	On the occurrence of Gumba or Mango malformation, cut the affected part and put them in the pit and cover with soil. On the occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liter should be sprayed in the mango orchard.
BRINJAL	In the previously planted crop, weeding and irrigation should be done as per the requirement.
PAPAYA	In the plains, clean the basins of papaya orchard. Cut the fruits and send them to the market. Sow the seeds in nursery.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	To prevent Puerperal Fever in Pregnant animals, 50-60 grams of mineral mixture should be fed to them every day to boost their immunity. Animals are prone to sterility and Johne's disease (Paratuberculosis) during this time. They should provided immediate treatment for these. The calves of buffaloes, whose age is around 2 months, anthelmintic medicine should be given to them on the recommendation of veterinarian.