



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
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 Udham Singh Nagar, Pantnagar, Uttarakhand



Agromet Advisory Bulletin

Date: 08.10.2024

Weather Forecast of District NAINITAL (Uttarakhand) Issued On: 2024-10-08 (Valid Till 08:30 IST of the next 5 days)

Parameter	09/10/2024	10/10/2024	11/10/2024	12/10/2024	13/10/2024
Rainfall (mm)	4.0	3.0	0.0	0.0	0.0
Max Temp (°C)	25.0	25.0	24.0	24.0	23.0
Min Temp (°C)	14.0	14.0	13.0	12.0	12.0
Max RH I (%)	75	75	70	70	70
Min RH II (%)	35	35	30	30	30
Wind speed (km/h)	3	4	3	4	3
Wind direction	140	140	320	320	320
Cloud cover	5	4	2	3	2

Weather Summary/ Alert:

The upcoming week predicts very light rainfall of 3-4 mm from 08-12 October and maximum-minimum temperature varying between 23.0-25.0oC and 12.0-14.0oC, respectively. The wind is expected to blow from south-east-south and north-west at a speed of 3-4 kmph. Very light to light rain likely to occur on 08 & 09 October. Dry weather likely to occur from 10 to 14 October.

General Advisory:

For regular updates on weather conditions in the region, the farmers can get updates from the app "Meghdoot" and lightning update from the app "Damini" available on Google Play Store (Android users) and App Centre (iOS users). The NDVI shows good agricultural vigour in the isolated regions of the state ranging 0.40-0.60. The extended range forecast shows large deficient rainfall and normal maximum-minimum temperature trend during 04.10.2024 to 10.10.2024.

SMS Advisory:

As per IMD forecast, clear weather is predicted so farming operations should be scheduled accordingly and irrigation should be applied as required.

Crop Specific Advisory:

Crop (Varieties)	Stage	Crop Specific Advisory
Rice	Grain filling/Physiological maturity	To prevent infestation of common pest of rice i.e brown plant hopper, farmers need to spray Triflumezopyrim 10 SC @235ml/ Fipronil 5 SC @1000 ml/ Buprofezin 25 SC @1 litre/ Thiamethoxam 25 WSG @100gm mixed in 500 litre water per hectare. The spray should be done near the stem. Buprofezin should be used in case of less infestation, Triflumezopyrim in case of heavy infestation and Fipronil 5 SC in case of stem borer+brown plant hopper attack.
Finger millet	Physiological maturity	The matured millet varieties in the mid and higher hills should be harvested and kept for drying period of 2-3 days.
Maize	Maturity/harvesting	Avoid bird attacks by appropriate farming measures in mature cobs. The matured cobs in higher hills should be harvested when covered with yellow leaves.
Soyabean	pod formation/maturity	The maturing pulse crop should be harvested accordingly and kept for drying. The matured pulse crop will show yellowing, drying and finally leaf fall at which the pod should be harvested and dried for 2-3 days.
Pigeon Pea (Red)	Pod formation	In the mid hills on pod formation, avoid dryness of the field and light

Gram/Arhar)	/harvesting	irrigation should be applied to the crop while in valleys and low hills the mature crop should be harvested and dried for 2-3 days.
Rapeseed (Lahi/Ghariya) and Yellow Mustard (Rada)	Sowing	After harvesting rice in the valleys and low while after harvesting pulses and millets in the medium and higher hills the toria and yellow mustard crop should be sown between end September and 1 st fortnight of October. The sowing should be done at line to line distance of 45cm and 30 cm from the bunds. The seeds should be treated with Metalaxyl 35 W.S. @4 g/kg seed.

Horticulture Specific Advisory:

Horticulture (Varieties)	Stage	Horticulture Specific Advisory
Cauliflower	Maturity/vegetative	The early varieties should be harvested and sent to the market for consumption. Top-dressing of urea should be done in the mid-varieties and regular practices like weeding, hoeing and irrigation application should be monitored.
Radish/Carrot	Sowing/germination	The soil moisture should be maintained in the field and regular weeding and thinning of the crop should be done.
Sem/Bakla	Sowing	Sowing can be taken up in this month. All the farming activities should be done keeping the forecast in mind. The crop requires 2-3 irrigation which should be given as and when required.
Citrus	Fruiting	If symptoms of citrus yellow mosaic virus is observed then prune the infected twigs and spray systemic insecticide such as imidacloprid 17.8 SL 1 ml/3 litre water or Thiamethoxam 25% WG @ 1g/3 litre water. Apply first spray of Thiamethoxam during initial appearance of pest and repeat 2 – 3 sprays at 15 – 21 days interval depending on the level of pest intensity.
Apple/Peach/Plum/Pear	Fruiting	Destroy the infected and sick leaves while the fallen healthy leaves can be collected and kept in pit for compost purpose.

Live Stock Specific Advisory

Livestock	Live Stock Specific Advisory
Cow/Buffalo	Before breeding, cows/buffaloes should be given vaccines of Vibriosis-L-5, IVR, BVD, parainfluenza etc. jointly or separately.

Poultry Specific Advisory

Poultry	Poultry Specific Advisory
Hens	Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.