



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for AURAIYA District
Chander Shekhar Azad University of Agriculture & Technology
Kanpur, Uttar Pradesh



Agromet Advisory Bulletin

Date : 2025-04-15

Weather Forecast of District AURAIYA (Uttar Pradesh) Issued On : 2025-04-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-16	2025-04-17	2025-04-18	2025-04-19	2025-04-20
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	39.0	40.0	41.0	41.0	40.0
Tmin(°C)	24.0	25.0	26.0	27.0	28.0
RH-I(%)	66	71	76	77	75
RH-II(%)	37	36	35	37	38
Wind Speed(kmph)	12	12	12	16	11
Wind Direction(Degree)	111	117	105	107	125
Cloud Cover(Octa)	0	1	1	1	2
Warning	No Warning	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, Due to light to moderate cloud cover in the next five days there is a possibility of light rain with thunderstorms & lightning, squall, strong surface winds between dated on 18-20 April, 2025. The maximum temperature is between 39.- 41.0°C, which is likely to be 1-2°C higher normal and the minimum temperature is between 24.0-28.0°C, which is likely to be 3-4°C higher normal. The maximum and minimum range of relative humidity is between 66-77 and 35-38%. Wind direction is south-east and wind speed is between 11.0-16.0 kmph with gusts expected to be 8-10 kmph high speed than normal.

Weather Warnings (Valid Till 08:30 IST of the next day)

According to the weather forecast received from the Indian Meteorological Department, there is a warning of thunderstorms, lightning, light rain with strong winds at local level between 18-20 April 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Farmers are advised to thresh the harvested crop and store it in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 19 - 20 April, 2025.

General Advisory:

Farmers are advised that if the harvested crop has got wet in the rain due to the rains of the last week, then dry it well in the sun and preserve the grain after threshing and complete the harvesting and threshing of the ripe crop quickly, make bundles of the harvested crop immediately, do not leave the harvested crop open in the field, separate or use only clean water for washing equipment for

insecticides, fungicides and weedicides chemicals and do not spray or spray insecticides, pesticides and weedicides standing in the opposite direction of the wind. Spraying should be done in the evening, if possible, after spraying, before eating and after washing clothes, hands should be washed thoroughly with soap or hand wash.

SMS Advisory:

Farmers are advised to thresh the harvested crops and store the grains in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 19-20 April, 2025.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
WHEAT (Harvesting)	In view of the possibility of rain, make proper arrangements for drainage of excess rainwater from wheat fields. Do threshing work by harvesting mature wheat crops. Bundles must be tied after harvesting the wheat crop so that the lock cannot be blown away due to strong winds and threshing should be done in the evening and at night when the wind is calm.
MAIZE (Vegetative)	In view of the possibility of rain, postpone irrigation/fertilizer/insecticide/pesticide spraying in the fields and also make proper arrangements for drainage of excess rainwater. Keep maize crops free from weeds. There is a possibility of outbreak of stem borer / shoot fly pest in maize crop, so for its prevention, solution of Emamectin Benzoate 5% SG at the rate of 200 g/ha or Dimethoate 30% EC 1.0 l/ha in 600-700 liters of water make a spray.
BLACK GRAM (Vegetative)	In view of the possibility of rain, postpone irrigation/fertilizer/insecticide/pesticide spraying in the fields and also make proper arrangements for drainage of excess rainwater. Keep black gram crops free from weeds. Thrips /green leaf pest is likely to be seen in black gram crop, so for its prevention, spray Oxidemetan-methyl 25% EC or Dimethoate 30% EC at the rate of 1.0 liter/ha by making a solution in 600-700 liters of water.
GREEN GRAM (Sowing)	in view of the possibility of rain, postpone sowing in the fields and also make proper arrangements for drainage of excess rainwater. Recommended species of Zaid Moong - Narendra Moong-1, Samrat (PDM-139), Sweta etc., do the work of sowing any one species at proper moisture. For sowing of zaid moong crop, complete the sowing work at the rate of 20-25 kg seed/hectare.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
OKRA/ LADYFINGER (Vegetative)	In view of the possibility of rain, postpone irrigation/fertilizer/insecticide/pesticide spraying in the fields and also make proper arrangements for drainage of excess rainwater. In the summer season, irrigation should be done in the planted/sown vegetables at an interval of 8-10 days in the evening. Thrips pest is likely to appear in the onion crop, so for its prevention, use Methyl-O-Dimethan 25% EC.at the rate of 1.5 liters / ha spray the solution in 600-700 liters of water.
MANGO (Fruit formation)	Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SL of of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. There is a possibility of showing the outbreak of midge pest in mango blossom, so for its prevention, spray Fenitrothian in 1.0 ml / liter of water and spray it.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	It is the appropriate time to give anthelmintic medicine to the animals for the prevention of worms in the stomach. FMD for the prevention of foot-mouth disease to animals vaccine and VQ for prevention of Lagadia fever. Get vaccinated with the vaccine. In view of the prevailing weather, farmers are

Live Stock	Live Stock Specific Advisory
	advised tie the animals in a shaded place or in the shade of a tree during the day. Feed animals with green fodder and easily digestible mineral mixture and salt. The animals must be given clean and cold water 3-4 times a day. Do not leave the animals to graze from 11 am to 4 pm. bathe the animals in the morning and evening.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	It is the appropriate time to give anthelmintic medicine to the animals for the prevention of worms in the stomach. FMD for the prevention of foot-mouth disease to animals vaccine and VQ for prevention of Lagadia fever. Get vaccinated with the vaccine. In view of the prevailing weather, farmers are advised tie the animals in a shaded place or in the shade of a tree during the day. Feed animals with green fodder and easily digestible mineral mixture and salt. The animals must be given clean and cold water 3-4 times a day. Do not leave the animals to graze from 11 am to 4 pm. bathe the animals in the morning and evening.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a warning of thunderstorms, lightning, light rain with strong winds at local level between 18-20 April 2025.

Impact based advisories (General)

Farmers are advised to thresh the harvested crop and store it in a safe place in view of the possibility of light rain with thunderstorms and strong winds between 19 - 20 April, 2025.

Farmers are advised to download Unified “Mausam” and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>