



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



Agromet Advisory Bulletin

Date : 2026-05-26

Weather Forecast of District MAINPURI (Uttar Pradesh) Issued On : 2026-05-26 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-05-27	2026-05-28	2026-05-29	2026-05-30	2026-05-31
Rainfall(mm)	0.0	0.0	5.0	14.0	29.0
Tmax(°C)	45.0	45.0	42.0	39.0	37.0
Tmin(°C)	30.0	32.0	30.0	27.0	27.0
RH-I(%)	42	31	61	76	73
RH-II(%)	16	16	23	36	37
Wind Speed(kmph)	14	9	3	16	19
Wind Direction(Degree)	282	281	360	130	131
Cloud Cover(Octa)	0	0	2	3	3
Warning	Warm Night; Heat Wave	Warm Night; Heat Wave	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

According to the weather forecast received from the India Meteorological Department, due to clear sky weather in the next two days, there is a warning of warm Night & heat wave on 27-28 May, 2026 and due to light to moderate cloud cover in remaining days, there is a possibility of light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds on 29-31 May, 2026. The maximum temperature is between 37.0- 45.0°C, which is likely to be 5-6°C higher normal and the minimum temperature is between 27.0-32.0°C, which is likely to be 6-7°C higher normal. The maximum and minimum range of relative humidity is between 31-76 and 16-37%. Wind direction is north-west, south-east and wind speed is between 3.0-19.0 kmph with gusts expected to be 8-9 kmph high speed than normal.

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

There is a warning of warm night & heat wave on 27-28 May, 2026 and light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds on 29-31 May, 2026.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

There is a possibility of light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds, farmers are advised to postpone irrigation to standing vegetables and crops. While working in the fields, they should keep their heads covered with a cloth (Gamcha) and ensure that they carry a water bottle with them. Given the intense heat, livestock should be watered 3-4 times a day and bathed during the morning and evening hours. When using insecticides, fungicides, or herbicides, use a separate sprayer for each type of chemical; alternatively, if switching between different chemicals, thoroughly rinse the sprayer with clean water. Furthermore, strictly avoid spraying or dusting these

chemicals while standing against the direction of the wind. After spraying, it is essential to thoroughly wash your hands with soap or hand wash, wash your clothes, and take a bath before eating or drinking anything.

General Advisory:

There is a possibility of light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds, farmers are advised to postpone irrigation to standing vegetables and crops. While working in the fields, they should keep their heads covered with a cloth (Gamcha) and ensure that they carry a water bottle with them. Given the intense heat, livestock should be watered 3–4 times a day and bathed during the morning and evening hours. When using insecticides, fungicides, or herbicides, use a separate sprayer for each type of chemical; alternatively, if switching between different chemicals, thoroughly rinse the sprayer with clean water. Furthermore, strictly avoid spraying or dusting these chemicals while standing against the direction of the wind. After spraying, it is essential to thoroughly wash your hands with soap or hand wash, wash your clothes, and take a bath before eating or drinking anything.

SMS Advisory:

Farmers are advised to postpone irrigation. To avoid heat stroke, do not go out of the house unnecessarily during the afternoon.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Millking)	Postpone irrigation in maize crop. 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 in clear sky.
BLACK GRAM (Pod initiation)	There is a possibility of outbreak of pod borer pest in black gram crop, so for its prevention, apply Emamectin Benzoate 5% SG 200 g/ha or Dimethoate 30% EC. Make a solution in 600-700 liters of water at the rate of 1.0 liter/ha and spray it in clear sky .
GREEN GRAM (Flower Initiation)	There is a possibility of outbreak of pod borer pest in green gram crop, so for its prevention, apply Emamectin Benzoate 5% SG 200 g/ha or Dimethoate 30% EC. Make a solution in 600-700 liters of water at the rate of 1.0 liter/ha and spray it in clear sky .
MAIZE (Sowing)	Postpone sowing of Kharif maize, as well as the advanced recommended complex species- Kanchan, Gaurav, Sweta, Azad, the best and hybrid varieties- Prakash, Y-1402, Bio-9681, Pro-316, D-9144, Dikalb- For sowing any one species from 7074, PHB-8144, Deccan 115, MMH-133 etc., arranging manure and seeds. For sowing of complex variety of maize, sow at the rate of 20 -25 kg seed / hectare and Shankar species at the rate of 18 -20 kg seed / hectare.
RICE (Nursery Bed Preparation)	For preparation of paddy fields, do deep plowing and fencing. Light irrigation of the field 15 days before planting paddy nursery so that the weeds coming out in the field are destroyed while preparing the field.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Physiological Maturity)	Harvest the finished crops like Pumpkin, Gourd, Taro, Bitter gourd, Cucumber, Cucumber, Watermelon and Melon etc. and send them to the market. For the prevention of fruit borer / leaf borer pest in vegetable crops, make a solution of neem oil in 1.5-2.0 ml / liter of water and do 3-4 sprays at an interval of 8 -10 days. Do weeding and hoeing in the standing crops of vegetables and do irrigation work at an interval of 8-10 days in the evening.
MANGO (Physiological Maturity)	Dig pits for planting new gardens. Do irrigation work in orchards of mango, guava, lemon plum, grapes, papaya and litchi etc. Irrigate the orchards to prevent fall of mango fruit or apply 4.5 SL of 20 ml alpha naphthalene acetic acid make a solution per liter of water and spray it. To prevent cuckoo

Horticulture (Stage)	Horticulture Specific Advisory
	disorder or internal rot disease in mango pods, make borax 0.8% solution in 0.8 g / liter water and spray 2 at 10 days interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
BUFFALO	Considering the current weather, farmers are advised to tie the animals in the open during the night. Tie the animals in a shade time place during the day. Do not tie the animals under the tree because this week the chances of falling trees twigs are high due to the speed of the winds. FMD for the prevention of foot-mouth disease to animal's vaccine and VQ for prevention of Lagadia fever. Give sufficient quantity of grains to the animals with green and dry fodder. Animals must be given clean and fresh water 3-4 times a day. Animals should be bathed both in the morning and in the evening. Do not tie pregnant animals to the sloping place. The best time to give anthelmintic drugs for the prevention of insects in the stomach of animals.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	Farmers are advised to add dietary supplements; vitamins and energy feed ingredients to the hens as well as add calcium content to the hen. Give medicine for the prevention of worms in the stomach of hen (Divmiring). To protect the chickens from heat, arrange curtains, fans and ventilation in the hen house. To save the chickens from the heat, sprinkle water on the curtains engaged in the chicken house so that the coolness remains.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Deep plow the fields empty of wheat and other crops with disc plow so that the eggs and larvae of harmful insects hidden inside the ground are destroyed in the sun.

Likely impacts of weather warnings (General)

There is a warning of warm night & heat wave on 27-28 May, 2026 and light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds on 29-31 May, 2026.

Impact based advisories (General)

There is a possibility of light to moderate rain with thunderstorms & lightning, hailstorm, strong surface winds, farmers are advised to postpone irrigation to standing vegetables and crops. While working in the fields, they should keep their heads covered with a cloth (Gamcha) and ensure that they carry a water bottle with them. Given the intense heat, livestock should be watered 3-4 times a day and bathed during the morning and evening hours. When using insecticides, fungicides, or herbicides, use a separate sprayer for each type of chemical; alternatively, if switching between different chemicals, thoroughly rinse the sprayer with clean water. Furthermore, strictly avoid spraying or dusting these chemicals while standing against the direction of the wind. After spraying, it is essential to thoroughly wash your hands with soap or hand wash, wash your clothes, and take a bath before eating or drinking anything.

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>