



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



Agromet Advisory Bulletin

Date : 2025-05-23

Weather Forecast of District SITAPUR (Uttar Pradesh) Issued On : 2025-05-23 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-24	2025-05-25	2025-05-26	2025-05-27	2025-05-28
Rainfall(mm)	0.0	5.0	8.0	1.0	1.0
Tmax(°C)	37.0	37.0	38.0	38.0	37.0
Tmin(°C)	25.0	27.0	27.0	27.0	28.0
RH-I(%)	80	76	72	71	76
RH-II(%)	47	46	44	45	52
Wind Speed(kmph)	15	17	11	15	17
Wind Direction(Degree)	96	103	86	102	104
Cloud Cover(Octa)	3	4	4	1	2
Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, due to light to moderate cloud cover in the next five day there is a possibility of light rain with thunderstorms & lightning, squall, strong surface winds at local level between on 25-28 May, 2025. The maximum temperature is between 37.0- 38.0°C, which is likely to be 1-2°C lower normal and the minimum temperature is between 25.0-28.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 71-80 and 44- 52%. Wind direction is north-east, south-east and wind speed is between 15.0-17.0 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 on light rain, thunderstorms & lightning, strong surface winds at a local level between 25-28 May, 2025.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

In view of light to moderate rain with thunderstorm/lightning and strong surface winds, farmers are advised not to tie animals in open space/under trees and also postpone their travel or activity. If you are in a group during a thunderstorm, separate from each other. This will reduce the number of injuries if the lightning strikes the ground.

General Advisory:

In view of the possibility of light to moderate rain with thunderstorms lightning and strong surface winds, farmers are advised to irrigate the standing maize crop only when the winds are calm. Spray insecticides, fungicides and weedicides only when the winds are calm/the sky is clear and do not spray insecticides, pesticides and weedicides while standing in the opposite direction of the wind. If possible, hands should be washed thoroughly with soap or hand wash after spraying, before eating and after washing clothes.

SMS Advisory:

In view of the possibility of rain, thunderstorms, strong winds, farmers are advised to postpone irrigation & sowing works .

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Millking)	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 (Panicle Initiation)	There is a possibility of outbreak of pod borer in Black gram/green gram crop, so to prevent it, apply Emamectin Benzoate 5% SG 220 g / hectare or Dimethoate 30% EC. Spray at the rate of 1.0 liters/hectare in 600-700 liters of water when the sky is clear.
MAIZE (Sowing)	Prepare the field for sowing Kharif maize only after ploughing, and also make arrangement for fertilizers and seeds for sowing any one of the improved recommended complex varieties- Kanchan, Gaurav, Sweta, Azad Uttam and hybrid varieties- Prakash, Y-1402, Bio-9681, Pro-316, D-9144, Dikalb- 7074, PHB- 8144, Deccan 115, MMH-133, etc. For sowing complex varieties of maize, sow at the rate of 20-25 kg seed/hectare and Shankar variety at the rate of 18-20 kg seed/hectare. For preparing paddy fields, plough the field deeply and make ridges. In case of no rain, 15 days before planting paddy nursery, irrigate the field lightly so that the weeds that grow in the field are destroyed while preparing the field.
RICE (Nursery/Seedling)	For preparing paddy fields, plough the field deeply and make ridges. In case of no rain, 15 days before planting paddy nursery, irrigate the field lightly so that the weeds that grow 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, Taroi, 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	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 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

Live Stock	Live Stock Specific Advisory
	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. 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 (Divmirg). 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.

Likely impacts of weather warnings (General)

According to the weather forecast received from the Indian Meteorological Department, there is a warning on light rain, thunderstorms & lightning, strong surface winds at a local level.

Impact based advisories (General)

In view of light to moderate rain with thunderstorm/lightning and strong surface winds, farmers are advised not to tie animals in open space/under trees and also postpone their travel or activity. If you are in a group during a thunderstorm, separate from each other. This will reduce the number of injuries if the lightning strikes the ground.
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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>