



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



Agromet Advisory Bulletin

Date : 2025-05-27

Weather Forecast of District FIROZABAD (Uttar Pradesh) Issued On : 2025-05-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-05-28	2025-05-29	2025-05-30	2025-05-31	2025-06-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	41.0	40.0	41.0	41.0	39.0
Tmin(°C)	30.0	30.0	30.0	30.0	28.0
RH-I(%)	57	60	56	56	69
RH-II(%)	41	43	38	39	42
Wind Speed(kmph)	14	14	3	6	4
Wind Direction(Degree)	117	119	172	207	233
Cloud Cover(Octa)	3	4	5	5	4
Warning	No Warning	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

According to the weather forecast received from the Indian Meteorological Department, light to moderate cloud cover in the next five day but there is a no possibility of rain. The maximum temperature is between 39.0- 41.0°C, which is likely to be near to its normal and the minimum temperature is between 28.0-30.0°C, which is likely to be 1-2°C higher normal. The maximum and minimum range of relative humidity is between 56-69 and 38-42%. Wind direction is south-east, south-west and wind speed is between 4.0-14.0 kmph with gusts expected to be 3-4 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 no warning in this next five days.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Keeping in view the weather conditions, farmers are advised not to irrigate standing Zaid crops in the morning and afternoon. Do not do any work on the fields between 11 am to 4 pm and do light irrigation in standing crops in the evening at an interval of 7-8 days. Do not leave the animals outside for grazing between 11 am to 4 pm. Bathe the animals in the morning and evening. Do not go out of the house unnecessarily during the afternoon. If there is any important work, then go out of the house only after tying a towel on the head.

General Advisory:

Farmers are advised to due to light cloud cover in the next five days, there is a possibility of light rain with thunderstorm - lightning and dust storm dated on 30 May, 2025.Keep it in a shady place, give water 3-4 times. For pesticides, herbicides and weedicides, use only clean water to wash equipment and do not spray insecticides, insecticides and weedicides while standing in the opposite direction of the

wind. Spraying should be done in the evening; if possible, hands should be washed thoroughly with soap after spraying, before eating and after washing clothes.

SMS Advisory:

Farmers are advised that the weather is favorable for harvesting the ripe Zaid crops and sowing kharif crops.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
MAIZE (Physiological Maturity)	Maize crop is going on at the stage of cob formation/grain filling which is sensitive to moisture deficiency. Therefore, maintain proper moisture by giving light irrigation as per requirements. 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 (Grain filling and Maturity)	Black gram/green gram crop is progressing from flower to pod formation stage which is sensitive to moisture deficiency. Therefore, maintain proper moisture by applying light irrigation as per requirement. There is a possibility of outbreak of pod borer in black 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, Dikab- 7074, PHB- 8144, Deccan 115, MMH-133, etc. For sowing complex varieties of maize sowing, sow at the rate of 20-25 kg seed/hectare and Shankar variety at the rate of 18-20 kg seed/hectare.
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. Prepare the fields for planting paddy nursery, as well as the advanced varieties Narendra-359, Narendra paddy-2026, Narendra paddy-2064, Narendra paddy-2065, Narendra paddy-3112, Sarju-52, Sita etc. and hybrid varieties- Pro .Agro-6444 (2001)Arise , Prof.Agro-6201 (2001)Arise, PHB-71, Pioneer-27 P 31, 27 P 37, 28 P 67 , RR X-113, Kaveri - 468, KRH-2, US-312, RH. -312, RH -1531etc and fragrant paddy varieties- Type-3, Pusa Basmati-1, Malviya Sugandh-105, Malviya Sugandha-3-4, Narendra Sugandh and Narendra Usar Paddy-1, Narendra Usar Paddy-2, Narendra Usar Paddy-2008, CLR-10 etc, arrange any one variety of seeds and fertilizers .

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 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.

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)

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Impact based advisories (General)

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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