



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for MEDINIPUR-EAST District
Bidhan Chandra Krishi Viswavidyalaya
Mohanpur, Dist- Nadia, West Bengal



Agromet Advisory Bulletin

Date : 2025-04-25

Weather Forecast of District MEDINIPUR-EAST (West Bengal) Issued On : 2025-04-25 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-26	2025-04-27	2025-04-28	2025-04-29	2025-04-30
Rainfall(mm)	0.0	0.0	4.0	11.0	22.0
Tmax(°C)	36.0	36.0	35.0	35.0	34.0
Tmin(°C)	29.0	29.0	28.0	28.0	27.0
RH-I(%)	81	82	83	83	82
RH-II(%)	40	47	51	49	46
Wind Speed(kmph)	22	24	17	13	9
Wind Direction(Degree)	207	207	202	189	198
Cloud Cover(Octa)	0	3	6	5	5
Warning	Hot Day	Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds; Hot Day	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

Light to moderate rainfall is predicted from 27th to 30th April • Sky will be mainly clear to partly cloudy in next 5 days . • Wind speed will be 9-24 km/hr and the predominant wind direction will be Southwesterly . • Maximum temperature is expected to be around 34.0-36.0 degree and minimum temperature is likely to be 27.0-29.0 degree. • Maximum and minimum relative humidity will be in the range of 81-83% and 40-51%

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

Heat wave alert is there for next 2 days. Strong surface wind with thunderstorm and lightning alert is there from 28th to 30th April.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Complete threshing and drying of boro paddy. Immediate complete harvesting of boro paddy where it is not done yet otherwise grain will be damaged due to strong surface wind and thunderstorm. restrict grazing of cattle during noon and also during thunderstorm.

General Advisory:

As per extended range forecast excess rainfall was recorded from 10.4.25 to 23.4.25. Based on MME forecast excess rainfall is predicted from 25.4.25 to 8.5.25. Based on MME forecast Tmax will be below normal in Week 1 and in week 2. For Tmin, it will show below normal in Week 1 and week 2. Heat wave alert is there for next 2 days. Strong surface wind with thunderstorm and lightning alert is there from 28th to 30th April. Complete threshing and drying of boro paddy. Immediate complete harvesting of boro paddy where it is not done yet otherwise grain will be damaged due to strong surface wind and thunderstorm. Apply deep summer ploughing after harvesting of boro paddy. Restrict any farm operation after 10 am to afternoon hours and restrict grazing of cattle during noon and also during thunderstorm. Apply irrigation in summer vegetables field and betel vine garden during afternoon hours.

SMS Advisory:

Heat wave alert is there for next 2 days. Strong surface wind with thunderstorm and lightning alert is there from 28th to 30th April.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Harvesting)	Boro paddy/ green manuring • Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects • Take care green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil • Immediate take the grains of boro paddy from threshing floor for sun dry • Prepare land by deep ploughing for cultivation of direct seeded paddy and collect the seeds from certified agency

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
OKRA/ LADIES' FINGER (Flowering)	Brinjal, Okra Fruiting stage shoot and fruit borer • To control shoot and fruit borer collect the affected fruits and buried into the soil • If infestation found high then spray Spinosad 48EC @1ml/liter of water. • Irrigation should be given during afternoon hours.
BETELVINE (Grand growth)	Betel vine Green leaf stage Chital due to hot and humid weather • Immediate repair the fencing of garden tightly • Apply Bordeaux mixture and keep proper aeration inside the garden • Apply sprinkler irrigation inside the garden

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Cattle At all stages --Heat stroke due to increased temperature --Worm infection due to hot and humid weather. • Feed the cattle at morning and evening time • Avoid mung mash and mustard cake in their food and supply arhar or black gram mash and sesame or linseed cake • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.) • Feed them a mixture of water (15liter)+molasses (250g)+basan (500g)+salt (50g) and sodium carbonate(50g) per cow during noon hours for avoiding high temperature • Keep the cattle indoor at afternoon hours also • Immediate complete the vaccination before rain • Feed Bolus at 4 months interval@1 Bolus per 150kg body wt for worm infection. • Complete vaccination before monsoon. • Keep indoor the cattle as per the warningto protect them from lightning.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
CARP	Fishery All stages Low food intake due to hot weather • Feed the fishes during morning and afternoon hours • Make shadow by green pana (aquatic weed) at one side of pond • Uproot the weeds from the bottom of pond water for more oxygen supply

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