



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



Agromet Advisory Bulletin

Date : 2025-05-20

Weather Forecast of District NADIA (West Bengal) Issued On : 2025-05-20 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-05-21 | 2025-05-22 | 2025-05-23 | 2025-05-24 | 2025-05-25 |
|-------------------------------|---|---|---|---|------------|
| Rainfall(mm) | 6.0 | 5.0 | 7.0 | 3.0 | 4.0 |
| Tmax(°C) | 34.0 | 35.0 | 35.0 | 34.0 | 34.0 |
| Tmin(°C) | 25.0 | 24.0 | 25.0 | 25.0 | 26.0 |
| RH-I(%) | 80 | 80 | 80 | 80 | 79 |
| RH-II(%) | 55 | 50 | 50 | 52 | 51 |
| Wind Speed(kmph) | 10 | 13 | 8 | 8 | 8 |
| Wind Direction(Degree) | 172 | 178 | 170 | 161 | 146 |
| Cloud Cover(Octa) | 6 | 5 | 7 | 6 | 6 |
| 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 | No Warning |

Forecast Summary:

Light rainfall to no rainfall is predicted in the next few days. • Sky will be partly cloudy to clear in the next few days . • Relative humidity will be in the range of 50-80%. •Maximum temperature is expected to be around 34.0-35.0 degree and minimum temperature is likely to be 24.0-25.0 degree.

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

Due to high temp. effect ,wear light coloured cotton cloth,use cap, restrict movement in between 12 to 4p.m., drink plenty of water,coconut milk, lassi etc. Avoid spraying or irrigation at the probable dates of rainfall. Be safe and keep the cattles indoor , stay away from tall trees and electric pole sat the time of thunderstorm activity. For any pesticide application , follow evening spraying where flower bloom during morning and follow morning spraying where flower bloom during evening.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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General Advisory:

Due to high temp. effect ,wear light coloured cotton cloth,use cap, restrict movement in between 12 to 4p.m., drink plenty of water,coconut milk, lassi etc. Avoid spraying or irrigation at the probable dates of rainfall. Be safe and keep the cattles indoor , stay away from tall trees and electric pole sat the time of thunderstorm activity. For any pesticide application , follow evening spraying where flower bloom during morning and follow morning spraying where flower bloom during evening.

SMS Advisory:

Please don't practice stubble burning because it affects the soil evnironment badly.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|---|--|
| RICE (Harvesting) | Harvesting Stage : Try to harvest matured crops early morning to avoid heat stress due to the high temperature and complete threshing,drying and storing at right moisture level. After harvesting , practice deep summer ploughing and cultivate green manuring crop like Dhaincha, Cluster Bean to enrich the field and conserve soil moisture. Please don't practice stubble burning because it affects the soil evnironment badly. |
| SESAME (GINGELLY/TIL) (Flowering) | Pod formation stage: Try to irrigate the crop in the morning or evening hour after weeding. After that , light earthing up around the base of the plant may be done to conserve soil moisture. Avoid any agricultural operation in the noon hour. Observe the field closely for pod borer infestation. If it starts , collect and destroy the affected plant parts. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|---------------------------------------|---|
| MANGO (Physiological Maturity) | Try to harvest mature fruit. |
| POINTED GOURD (PARWAL) (Flowering) | Strengthen Macha.Try to harvest matured crop. |

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>