



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



Agromet Advisory Bulletin

Date : 2025-04-08

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

Parameter	2025-04-09	2025-04-10	2025-04-11	2025-04-12	2025-04-13
Rainfall(mm)	3.0	3.0	8.0	6.0	4.0
Tmax(°C)	37.0	38.0	38.0	37.0	37.0
Tmin(°C)	25.0	25.0	25.0	24.0	24.0
RH-I(%)	80	75	78	78	78
RH-II(%)	35	37	37	36	35
Wind Speed(kmph)	12	12	10	8	9
Wind Direction(Degree)	178	90	176	173	165
Cloud Cover(Octa)	4	3	3	4	5
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:

No rainfall to light 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 35-80%. •Maximum temperature is expected to be around 37.0-38.0 degree and minimum temperature is likely to be 24.0-25.0 degree.

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

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

General Advisory:

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

SMS Advisory:

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	There is a chance of brown spot of rice. Spraying the seedlings with hexaconazole @ 1.5 ml/lit of water in case of brown colored spots on leaves. Apply weedicide pretilachlor or butachlor within 5 days of transplanting. For preventing stemborer attack or any borer attack apply cartap hydrochloride @ 3kg per bigha. For better result follow community spraying. Control weed at regular interval.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO (Fruit formation)	During flowering , proper mango tree care focuses on managing nutrients, particularly by reducing nitrogen and increasing phosphorus and potassium to promote flower development, providing adequate water, avoiding excessive pesticide use to protect pollinators and monitoring for pests like Mango Hopper that may damage flowers while ensuring the tree receives enough sunlight and appropriate temperature condition. Apply 25 kg FYM, 500 gm Nitrogen and 1 kg of Phosphorus and Potash/ tree in ring basin. To prevent fruit drop in Mango , spray NAA 2times at 7-10 days interval. Spray 0.2% Boric acid once foliar application.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	Getting rid of pond algae involves a combination of techniques to reduce the nutrients that fuel its growth and physically remove the algae. Here are some methods to help you clear up pond algae: Reduce Nutrients (especially nitrogen and phosphorus): o Limit Fertilizer Runoff: If you fertilize plants near the pond, make sure it doesn't run off into the water. o Use Plants: Aquatic plants like lilies, reeds, or submerged plants can help absorb excess nutrients, shading the algae and competing for the same resources. o Avoid Overfeeding Fish: If you have fish, avoid overfeeding them as excess food can contribute to nutrient buildup. Increase Oxygen Levels: o Aeration: Installing a pond aerator or fountain can help oxygenate the water, which may reduce algae growth by promoting the health of beneficial bacteria that break down excess nutrients. o Water Circulation: A pond pump that helps circulate water can also prevent stagnant areas where algae thrive. Physical Removal: o Skimming and Raking: Regularly skim the algae off the surface of the pond with a net or rake. This removes the visible algae and prevents it from breaking down and releasing nutrients back into the water. o Algae Brushes: Use a pond brush to scrub algae off rocks, walls, and other surfaces. Use Natural or Chemical Algae Control: o Barley Straw: Barley straw is a natural method for controlling algae. When it decomposes, it releases compounds that can help reduce algae growth. It's best used as a preventative measure. o UV Sterilizers: A UV filter can help kill algae by exposing the water to ultraviolet light, making it an effective tool for clearing green water. o Algicides: Chemical algicides can be used, but they should be a last resort because they can harm beneficial pond life, including fish and plants. Always follow the manufacturer's instructions. Maintain Proper Pond Balance: o Regular Water Changes: Changing a portion of the water every few weeks can help remove accumulated nutrients and organic matter. o Monitor pH and Hardness: Check the water's pH and hardness levels to ensure they are within the right range for a healthy pond ecosystem. Introduce certain fish. *Certain fish like Grass Carp consume algae .

Likely impacts of weather warnings (General)

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

Impact based advisories (General)

No rainfall to light rainfall is predicted in the next few days . Restrict spraying, fertilizer application accordingly.

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