



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



Agromet Advisory Bulletin

Date : 2025-04-15

Weather Forecast of District PURBA-BARDHAMAN (West Bengal) Issued On : 2025-04-15 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-04-16	2025-04-17	2025-04-18	2025-04-19	2025-04-20
Rainfall(mm)	3.0	6.0	22.0	12.0	6.0
Tmax(°C)	35.0	35.0	35.0	34.0	33.0
Tmin(°C)	20.0	21.0	22.0	22.0	21.0
RH-I(%)	84	82	83	84	86
RH-II(%)	47	47	46	48	51
Wind Speed(kmph)	7	11	11	10	8
Wind Direction(Degree)	157	168	176	161	154
Cloud Cover(Octa)	6	5	4	4	3
Warning	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	No Warning

Forecast Summary:

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 28-84%. •Maximum temperature is expected to be around 33.0-34.0 degree and minimum temperature is likely to be 22.0-23.0 degree.

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

Light rainfall is predicted in the next few days.Restrict spraying, fertilizer/ irrigation application accordingly.

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Likely impacts of weather warnings on Agriculture and associated Agromet advisories

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General Advisory:

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SMS Advisory:

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Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Tillering or Panicle Initiation Stage : Be careful about weed control, insect pest control, fertilizer and micronutrient management etc. 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 stem borer attack or any borer attack apply cartap hydrochloride @ 3kg per bigha. For better result follow community spraying. Control weed at regular interval.
JUTE	Sowing to early vegetative stage : Start collecting quality seed for Jute cultivation. Land should be prepared to fine tilth. Mixture of Azotobacter+ P.S.B. @2 Kg/acre mixed with 10 q/acre organic manure should be applied to the soil. Seeds may be sown by broadcasting or line sowing. For capsularis & olitorius jute, line sowing requires 2.4 kg and 1.6 kg seed/acre respectively. If anybody sows seed with seed drill the seed rate is 2 kg and 1.5 kg for capsularis and olitorius respectively. Required spacing for capsularis 25 cm X 5 cm & for olitorius 20 cm X 5 cm. Those who have sown the crop between last week of March to first week of April (crop age, 3 weeks); apply one light irrigation followed by mechanical weeding. After weeding and thinning, apply top dressing of Nitrogen fertilizer @20kg/ha in medium and high fertile soil (20 DAS). In case of low fertile soil apply Nitrogen @ 27kg/ha. For post emergence grass weed control, go for chemical spraying.
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Horticulture Specific Advisory:

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MANGO (Fruit formation)	Fruit formation stage :To prevent fruit drop and increase fruit size in Mango , spray NAA 2 times at 7-10 days interval. Spray 0.2% Boric acid once foliar application.
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Fisheries Specific Advisory:

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COMMON FISH	For controlling algae in fish bearing pond : *Avoid Overfeeding Fish: If you have fish, avoid overfeeding them as excess food can contribute to nutrient buildup. * Increase Oxygen Levels, 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. * Water Circulation: A pond pump that helps circulate water can also prevent stagnant areas where algae thrive. *Physical Removal: 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. * Algae Brushes: Use a pond brush to scrub algae off rocks, walls, and other surfaces. Use Natural or Chemical Algae Control: * 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. * 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. * Algaecides: Chemical algaecides 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. * 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 .e .
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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>