



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



Agromet Advisory Bulletin

Date : 2025-02-18

Weather Forecast of District PURBA-BARDHAMAN (West Bengal) Issued On : 2025-02-18 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2025-02-19 | 2025-02-20 | 2025-02-21 | 2025-02-22 | 2025-02-23 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 4.0 | 5.0 | 0.0 | 8.0 |
| Tmax(°C) | 31.0 | 31.0 | 29.0 | 31.0 | 31.0 |
| Tmin(°C) | 19.0 | 18.0 | 18.0 | 19.0 | 18.0 |
| RH-I(%) | 70 | 84 | 89 | 90 | 88 |
| RH-II(%) | 33 | 47 | 58 | 43 | 39 |
| Wind Speed(kmph) | 6 | 5 | 2 | 2 | 1 |
| Wind Direction(Degree) | 32 | 76 | 63 | 243 | 90 |
| Cloud Cover(Octa) | 1 | 2 | 2 | 1 | 2 |

Weather Summary/Alert:

No rainfall is predicted in the next five days • Sky will be clear in the next 5 days .• Relative humidity will be in the range of 33-90%. •Maximum temperature is expected to be around 29.0-31.0 degree and minimum temperature is likely to be 18.0-19.0 degree.

General Advisory:

(I) Use yellow sticky traps, wooden T-shaped stands, and pheromone traps to control insects and pests in crop and vegetable fields. (II) Utilize the clear weather to undertake manual or chemical weeding operations to avoid competition for nutrients, water, and sunlight. (III) Use balanced fertilizers and avoid excessive nitrogen to reduce disease risks. (IV) Apply organic mulch, like straw or dry leaves, around vegetable and fruit plants to conserve soil moisture and control weed growth. (V) Apply light and timely irrigation to maintain soil moisture but avoid waterlogging. (VI) Keep an eye on crops for fungal diseases and pests. Apply fungicides or neem-based pesticides as needed to control any infestations.

SMS Advisory:

No rain is expected in the next five days.Spraying, fertilizer application etc may be done.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------|--|
| RICE | Farmers are advised to maintain a water depth of 2–5 cm in boro rice fields from one week after transplanting until 2–3 weeks before harvest. Drain the water from the field before top dressing nitrogenous fertilizers to avoid fertilizer loss due to runoff, and re-irrigate 2–3 days after top dressing. Use a cono-weeder to control weeds in standing water. To improve crop health, spray Sulphur 80% @ 3 g/L of water. Additionally, to manage plant hopper infestations, spray Triflumezopyrin 10% SC @ 95 g/acre or Pymetrozine 50% WG @ 120 g/acre. Monitor the field regularly for signs of leaf folder or stem |

| Crop (Stage) | Crop Specific Advisory |
|--------------|--|
| | borer infestations, and if observed, spray Chlorantraniliprole 18.5% SC @ 0.4 ml/L of water. Ensure timely application of balanced fertilizers, including potash and phosphorus, if not applied earlier, to support vegetative growth. |

Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory |
|---------|--|
| CHICKEN | <ul style="list-style-type: none"> • Ensure a good supply of Vitamin D (for better calcium absorption) and Vitamin E (for immunity), as the birds get less exposure to sunlight. Continuous supply of fresh and clean lukewarm water inside the Poultry shade should be there. • Cold conditions favour the spread of Ranikhet and Gumboro diseases in poultry farms. To prevent high mortality rates, initiate vaccination programs against these diseases promptly. Observe birds closely for signs of stress and disease. Isolate any sick birds and consult a veterinarian if necessary. |