



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



Agromet Advisory Bulletin

Date : 2024-12-27

Weather Forecast of District HOOGHLY (West Bengal) Issued On : 2024-12-27 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-28	2024-12-29	2024-12-30	2024-12-31	2025-01-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	26.0	26.0	26.0	25.0	24.0
Tmin(°C)	13.0	15.0	14.0	13.0	12.0
RH-I(%)	69	69	74	72	65
RH-II(%)	38	36	41	44	33
Wind Speed(kmph)	8	6	9	9	9
Wind Direction(Degree)	90	353	355	358	346
Cloud Cover(Octa)	0	1	1	1	0

Weather Summary/Alert:

No rainfall is predicted in the next five days • Sky will be clear in the next 5 days . •Maximum temperature is expected to be around 22.0-25.0 degree and minimum temperature is likely to be 13.0-15.0 degree. • Relative humidity will be in the range of 32-65%.

General Advisory:

Spraying must be done to prevent early blight of Potato by Copper oxychloride or Mancozeb or Propineb or Chlorothalonil with sticker in a clear, sunny day .

SMS Advisory:

As there is chance of no rain in the next 5 days, spraying, fertilizer application & harvesting may be done.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Prepare the main field for transplanting of Boro Paddy. Applying Boron and Zinc EDTA at 0.5g/liter of water will support healthy seedling growth at seed bed.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
POTATO	Vegetative Stage: Spraying must be done to prevent early blight of Potato by Copper oxychloride or Mancozeb or Propineb or Chlorothalonil with sticker in a clear, sunny day . To control white fly or aphid (vector of few viral diseases) Imidacloprid 3-4 ml/ 10 lt of water may be applied .
CUCUMBER	Winds will start to become cold during early morning and evening hours, fog can be seen near water bodies and fields. Excessive fog can increase the chances of Downey Mildew disease in Cucumber, Bottle gourd, squash,Pumpkin.Several fungicides are available for controlling downy mildew,including both protectant and eradicant fungicides.Protectants, including chlorothalonil, copper-based compounds, and mancozeb, can be used alone to protect plants from infection early in the season.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
COMMON FISH	As water temperature falls, different pathogenic attack outbreaks. Especially Fungal & Bacterial diseases like Cotton Wool Disease, EUS, and Gill rot disease start. Maintain Water pH within the range of 7 to 8.5.(1) Apply Quick Lime @ 8-10 kg /Bigha/month. ii)Apply Raw salt 12kg/Bigha/ 5 ft depth. (2)In the case of EUS apply15 gm Methylene Blue/Bigha/5 ft depth. Potassium Permanganate@ 3 ppm can be used. • Ensure proper stocking density to prevent overcrowding which can lead to stress,poor water quality, and increased disease risk. • Monitor fish for early signs of diseases,such as fungal or bacterial infections,which can be more prevalent in humid, moist conditions. Apply appropriate treatments if necessary and avoid overstocking to reduce disease spread.