



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



## Agromet Advisory Bulletin

Date : 21-05-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-05-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-22	2024-05-23	2024-05-24	2024-05-25	2024-05-26
Rainfall(mm)	30.0	20.0	4.0	35.0	66.0
Tmax(°C)	35.0	35.0	36.0	36.0	35.0
Tmin(°C)	25.0	26.0	28.0	28.0	25.0
RH-I(%)	79	79	71	84	83
RH-II(%)	51	50	45	45	74
Wind Speed(kmph)	21	16	21	41	49
Wind Direction(Degree)	201	167	90	58	162
Cloud Cover(Octa)	1	3	1	8	8

### Weather Summary/Alert:

Heavy to very heavy rainfall is predicted on next 5 days except on 24th May. • Sky will be mainly clear in next 3 days and overcast in the remaining days. • Wind speed will be 21-49 km/hr and the predominant wind direction will be Northeasterly to Southerly. • Maximum temperature is expected to be around 35.0-36.0 degree and minimum temperature is likely to be 25.0- 28.0 degree. • Maximum and minimum relative humidity will be in the range of 71-84% and 45-74%

### General Advisory:

A trough runs from northwest Uttar Pradesh to east Bangladesh across East Uttar Pradesh, south Bihar, Jharkhand & Gangetic West Bengal at 0.9 km above mean sea level. The cyclonic circulation over Gangetic West Bengal & neighbourhood now lies over Northwest Bay of Bengal & adjoining north Odisha-West Bengal coasts at 3.1 km above mean sea level. A Low Pressure Area is likely to form over Southwest Bay of Bengal around 22nd May, 2024. It is likely to move initially northeastwards and concentrate into a Depression over central parts of Bay of Bengal by morning of 24th May, 2024. Under favourable synoptic condition and strong moisture incursion from Bay of Bengal, Thunderstorm with lightning along with gusty wind speed and thunder squall activity very likely to affect the districts of West Bengal. 21.05.2024 (Yellow warning (be updated): Thunderstorm with gusty wind speed reaching (40-50 Kmph) likely to occur at one or two places over the districts of South Bengal. 22.05.2024 (Yellow warning (be updated): Thunderstorm with gusty wind speed reaching (30-40 Kmph) likely to occur at one or two places over the districts of South Bengal. 24.05.2024 (Yellow warning (be updated). Heavy to Very Heavy rainfall (07-20 cm) likely to occur at one or two places over East Midnapore & South 24 Parganas districts. • As heavy rainfall is predicted arrange proper drainage system in betel vine garden and vegetable field. • No spraying should be done without any forecast of clear weather. • If maximum lichis are found mature immediately complete harvesting otherwise surrounded the plants by net for preventing dropping.

### SMS Advisory:

As heavy rainfall with strong wind is predicted due to depression keep any spraying stop and stay safe from lightning

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Aman paddy Preparation of dry seed bed • Where very little scope of irrigation and with light saline soil, farmers are advised to prepare dry seed bed • Select 1/10th area of main field for seed bed preparation. • After ploughing and applying compost in the field @100kg per katha apply NPK fertilizer i.e. urea 1.5kg, SSP 2kg and MOP 500g per katha. • Before sowing seed should be treated with Thiram@2.5g per kg of seed or Trichoderma viridi@4g per kg of seed.
GREEN GRAM (Pod Maturity)	Mung Maturity Continue harvesting of matured pod regular interval. Due to warm and humid weather with light rainfall pod may be attacked by pod borer. • Apply Triazophos @ 1 ml per liter of water mix with 5g molasses during afternoon hours. • No spraying should be done without any forecast of clear weather.

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BETELVINE (Harvesting)	Betel vine Growing leaf stage Togra or Foska disease due to hot and humid weather • Spray water with sprayer during morning for avoiding dump condition within the garden. • Apply any fungicide after water spray. • Keep the surroundings tightly. • No spraying should be done without any forecast of clear weather.

### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Cattle At all stages HP and black quarter and Worm infection due to hot and humid weather • Immediate complete the vaccination before rain • Feed Bolus at 4 months interval@1 Bolus per 150kg body wt