



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for 24-PARAGANAS-SOUTH
District
Bidhan Chandra Krishi Viswavidyalaya
Mohanpur, Dist- Nadia, West Bengal



Agromet Advisory Bulletin

Date : 2025-01-21

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-01-21 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-22	2025-01-23	2025-01-24	2025-01-25	2025-01-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	29.0	30.0	29.0
Tmin(°C)	16.0	16.0	17.0	18.0	15.0
RH-I(%)	68	68	77	81	67
RH-II(%)	29	32	37	40	28
Wind Speed(kmph)	5	4	3	5	5
Wind Direction(Degree)	343	351	346	321	303
Cloud Cover(Octa)	1	2	3	2	0

Weather Summary/Alert:

No rainfall is predicted in next 5 days. • Sky will be mainly clear in the next 5 days. • Wind speed will be 4-5 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 29.0-30.0 degree and minimum temperature is likely to be 15.0-18.0 degree. • Maximum and minimum relative humidity will be in the range of 67-81% and 28-40%

General Advisory:

As per extended range forecast no rainfall was recorded from 2.1.25 to 15.1.25. Based on MME forecast no rainfall is predicted from 17.1.25 to 30.1.25. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show below normal in Week 1 and week 2. Special advisory for transplanting stage of boro paddy: This is the time of boro paddy transplanting. For more yield with less disease pest attack it is required to follow proper fertilizer application, maintaining proper spacing and depth of planting. Blast disease is a very common and harmful disease for boro paddy. To control this weather dependent disease monitor the field every day after transplanting and follow the weather bulletin to monitor the day night temperature difference as more day night temperature difference causes the chance of huge blast attack. Just after transplanting 6-10 days farmers cannot enter in the field so before transplanting seedlings should be treated with proper fungicide and pesticide to prevent disease pest attack. The common problem for poor transplanting operation: • Less spacing caused sucking pest attack • Unnecessarily urea fertilizer application make the plants more susceptible for pest attack • Improper technique for urea application results leaching loss. • Improper depth of planting causes poor root growth and tillering • Improper use of fungicide or bactericide results huge loss

SMS Advisory:

As large tmax and tmin temp difference is forecasted, for preventing initial disease pest attack apply fungicide Tricyclozole and Pesticide Carbofuran, before uprooting the seedlings.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Boro paddy with one month age Transplanting --Sucking pest attack -- Preventing blast disease , both fungal and bacterial • After drained out of water from seed bed apply urea before 7 days of transplanting so that seedlings become strong and never bend down in main field due to strong Northern wind • Before uprooting the seedlings from nursery bed apply fungicide Tricyclozole @1g per liter of water and Pesticide Carbofuran@1.5g per 10 decimal as a preventive measure. • Follow a spacing of 20cm X 20cm and transplant the seedlings at 2cm depth • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSp@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
TOMATO	Tomato Fruiting stage Chance of blight due to morning fog • As a precaution measure for late blight apply Di-ethane M-45@2.5g/liter of water

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICK	Poultry Grower, layer and new born lacrimation and swelling of the head due to effect of low temperature • Arrange the litter with dry bedding material • Increase the number of bird per cage • Protect poultry birds from cold by using electric bulb (300watt for 100sq feet) to prevent Coryza disease. • In case of lacrimation and swelling of the head, treat the fowl with Sulphur drug.