



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 : 2025-01-28

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-01-28 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-01-29	2025-01-30	2025-01-31	2025-02-01	2025-02-02
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	29.0	29.0	30.0	30.0
Tmin(°C)	17.0	19.0	20.0	20.0	20.0
RH-I(%)	85	86	90	94	93
RH-II(%)	34	45	49	53	45
Wind Speed(kmph)	3	4	12	8	9
Wind Direction(Degree)	337	229	215	205	215
Cloud Cover(Octa)	0	1	0	3	3

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 3-12 km/hr and the predominant wind direction will be Southwesterly to Northwesterly. • Maximum temperature is expected to be around 28.0-30.0 degree and minimum temperature is likely to be 17.0-20.0 degree. • Maximum and minimum relative humidity will be in the range of 85-94% and 34-53%

General Advisory:

pecial advisory for transplanting stage of boro paddy: This is the last stage 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 blast attack apply fungicide Tricyclozole

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. □Before uprooting the seedlings from nursery bed apply fungicide Tricyclozole @0.6g per liter of

Crop (Stage)	Crop Specific Advisory
	<p>water and Pesticide Propenophos + cypermethrin or Propenophos+Chlorpyriphos @1.5ml per liter of water l as a preventive measure. □ Follow a spacing of 20cm X 20cm and transplant the seedlings at 2cm depth □ If there was stubble in the field root rot may cause , apply Diethane M-45 directly on the field or during land preparation of main field with basal fertilizer application as urea@9kg/bigha, SSp@54kg/bigha and MOP@11kg/bigha □ □ Where seedlings are at 2-3DAT at main field apply herbicide 50%Butachlor@6ml/liter of water or 50% Pretilachlor@2ml/liter of water Boro paddy one week after transplantation Vegetative Chance of blast attack due to dense morning fog □ If no spraying of fungicide or pesticide was done apply one spray of Trycyclozole@0.6g per liter of water.</p>
BLACK GRAM	<p>Pulse(lentil, Lathyrus) Flowering Rustdue to morning fog □ Apply 2% DAP for better flowering □ Spray Mancozeb@2.5g/liter of water or Chlorothalonil@2g/liter of water</p>
MUSTARD	<p>Mustard Flowering stage Aphid attack □ Apply spraying of Chlorpyriphos @1.5ml per liter of water during afternoon hours.</p>