



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



## Agromet Advisory Bulletin

Date : 01-02-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-02-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-02	2022-02-03	2022-02-04	2022-02-05	2022-02-06
Rainfall(mm)	1	1	2	30	2
Tmax(°C)	27.7	26.8	26.5	27.5	24.9
Tmin(°C)	16.1	14.6	14.9	13.7	12.6
RH-I(%)	90	87	79	81	82
RH-II(%)	43	45	56	44	41
Wind Speed(kmph)	13.9	9.7	10.0	17.7	18.1
Wind Direction(Degree)	234	90	199	153	338
Cloud Cover(Octa)	1	0	0	3	0

### Weather Summary/Alert:

Heavy rainfall is predicted on 5th February and light rainfall is predicted in the remaining days. r • Sky will be mainly clear in the next 5 days. • Wind speed will be 9.7-18.1 km/hr and the predominant wind direction will be Easterly to Northerly . • Maximum temperature is expected to be around 24.9-27.7 degree and minimum temperature is likely to be 12.6-16.1 degree. • Maximum and minimum relative humidity will be in the range of 79-90% and 26-46%

### General Advisory:

As per ERFs large excess rainfall was recorded from 13.1.22 to 26.01.22 Based on MME forecast in next two week from 28.1.22 to 03.02.22 below normal rainfall is forecasted and from 4.2.22 to 10.2.22 above normal rainfall is forecasted. Based on MME forecast Tmax will be mostly below normal in Week 1 and 2. and for Tmin, it will show negative anomaly in Week 1 and week 2

### SMS Advisory:

As there is a chance of above normal rainfall keep protection against blight attack of potato and cucurbit vegetables.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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RICE	Boro paddy Vegetative stage • Found yellowing of plant due to root rot under submerged condition. • Chance of blast attack due to dense fog • As in this year land preparation made under submerged condition in maximum cases so due to creation of poisonous gasses this may happened . • First drain out water from field then keep the field dry and spray any fungicide and then after 48 hours again enter the water in the field. • For blast attack apply Tricyclozole @ 5-6g per 10 liter of water as precaution measure within one day. • No spraying should be done from 4th to 5th February.
CUCUMBER	Cucurbits (cucumber, pumpkin, gourd) • Flowering stage. • Chance of Downey mildew and powdery mildew attack due to humid weather and extreme dense morning fog. • For Downey mildew and powdery mildew attack apply Chlorothalonil@ 2ml per liter of water • Spraying should be done within one day and no spraying should be done from 4th to 5th February. .
LENTIL	Lathyrus, lentil • Flowering to pod initiation stage. • Rust attack due to low temperature with fog and pod borer attack may take place. • Spray Chlorothalonil@ 2ml per liter of water at early noon when there is no fog. • For pod borer attack apply Spinosad@ 1.5ml per liter of water. • Spraying should be done within one day and no spraying should be done from 4th to 5th February • Start land preparation of green gram so that sowing can be done within first week of February.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Tomato, brinjal Fruiting stage • Blight attack (Leaf burning symptom) due to humid weather and dense morning fog • Apply fungicide mixture of Cymoxamil 8% and Mancozeb 64% @ 1500g per 500liter water • Spraying should be done within one day and no spraying should be done from 4th to 5th February

#### Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Potato Tuber development stage . • If plants already attacked by bacterial leaf blight Daimithomorf 50% WP @ 1.3g per liter of water or a mixture of Cymoxanil and Mancozeb 64% @3g per liter of water within one day and no spraying should be done from 4th to 5th February . • First top dressing should be given with 19kg urea and SSP 41 kg per bigha. • Earthing up should be done for better tuber growth. • Don't irrigate the field unnecessarily