



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 : 2025-03-18

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2025-03-18 (Valid Till 08:30 IST of the next 5 days)

Parameter	2025-03-19	2025-03-20	2025-03-21	2025-03-22	2025-03-23
Rainfall(mm)	0.0	0.0	6.0	15.0	18.0
Tmax(°C)	34.0	34.0	34.0	31.0	29.0
Tmin(°C)	26.0	27.0	25.0	24.0	22.0
RH-I(%)	89	90	84	77	81
RH-II(%)	34	40	45	43	40
Wind Speed(kmph)	9	9	13	11	10
Wind Direction(Degree)	233	220	226	236	219
Cloud Cover(Octa)	2	2	4	6	5
Warning	Thunderstorms & Lightning, Squall etc	No Warning	No Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds

Forecast Summary:

Light to moderate rainfall is predicted from 21st to 23rd March. • Sky will be mainly clear to partly cloudy in the next 5 days. • Wind speed will be 9-13 km/hr and the predominant wind direction will be South-westerly. • Maximum temperature is expected to be around 29.0-34.0 degree and minimum temperature is likely to be 22.0-27.0 degree. • Maximum and minimum relative humidity will be in the range of 77-90% and 34-45%

Weather Warnings (Valid Till 08:30 IST of the next day)

Thunderstorms & Lightning, Squall etc; Hailstorm; Strong Surface Winds

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

• Harvest mature cucurbits as much as possible for preventing damage due to hailstorm • Tightly bind the betel vine garden boundary • Restrict farm operation and cattle grazing during thunderstorm for lightning for life saving

General Advisory:

As per extended range forecast no rainfall was recorded from 27.2.25 to 12.3.25. Based on MME forecast large deficit in rainfall is predicted from 14.3.25 to 27.3.25. Based on MME forecast Tmax will be above normal in Week 1 and in week 2. For Tmin, it will show above normal in Week 1 and week 2. Special advisory: Always maintain a water level of two and half inch in boro paddy field. This should be followed for preventing node blast, neck blast, panicle blast and grain blast during extreme hot and dry weather of coming April month. Any spraying for blast must be completed before flowering. Restrict movement inside the field during flowering for preventing damage of pollination. Spraying must be done during afternoon hours.

SMS Advisory:

Light to moderate rainfall is predicted from 21st to 23rd March , harvest mature cucurbits and restrict any spraying during those days.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Boro paddy Pannicle initiation --Fungal and bacterial blast attack found due to large day night temperature difference • Maintain water level at least 2inch maintaining moist environment as weather is extreme dry. Otherwise due to extreme hot and dry weather during April may cause node blast, panicle blast and grain blast. • At booting stage before flower blooming apply one fungicide Tebuconazole or Kopiconazole grouped fungicide @0.6g per liter of water. Like Nativo, Koboz (Trade name) etc. • For healthy grain apply some Growth promoting hormone like Miraculam, Flora, Bumflower (Trade name) during flowering.
SUNFLOWER	Sunflower Flowering stage Spodoptera attack • Spray Spinosad 0.5ml per liter ,or Enamectin Benzoate (Trade name: Proclaim) afternoon hours. • Apply boron for better oil quality

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CUCUMBER	Cucurbits fruiting --Downey mildew (burning symptom) --Fruit fly and white fly attack • Apply Chlorothalonil (Trade name Koboch) @2g per liter of water for Downey mildew. • Spraying must be done during afternoon hours. • For fruit fly and white fly spray Thiamithoxon (Trade name: ektara)

Likely impacts of weather warnings (General)

• Harvest mature cucurbits as much as possible for preventing damage due to hailstorm • Tightly bind the betel vine garden boundary • Restrict farm operation and cattle grazing during thunderstorm for lightning for life saving

Impact based advisories (General)

• Harvest mature cucurbits as much as possible for preventing damage due to hailstorm • Tightly bind the betel vine garden boundary • Restrict farm operation and cattle grazing during thunderstorm for

lightning for life saving

Farmers are advised to download Unified Mausam and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>