



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



## Agromet Advisory Bulletin

Date : 2024-12-17

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2024-12-17 (Valid Till 08:30 IST of the next 5 days)

Parameter	2024-12-18	2024-12-19	2024-12-20	2024-12-21	2024-12-22
Rainfall(mm)	0.0	0.0	0.0	12.0	10.0
Tmax(°C)	28.0	28.0	27.0	24.0	23.0
Tmin(°C)	16.0	17.0	18.0	17.0	16.0
RH-I(%)	65	61	69	85	84
RH-II(%)	34	34	37	49	54
Wind Speed(kmph)	8	9	9	8	11
Wind Direction(Degree)	13	24	31	41	28
Cloud Cover(Octa)	5	7	7	7	3

### Weather Summary/Alert:

Light rainfall is predicted on 21st and 22nd December and no rainfall is predicted in the remaining days. • Sky will be partly to mainly cloudy in the next 5 days. • Wind speed will be 8-11 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 23.0-28.0 degree and minimum temperature is likely to be 16.0-18.0 degree. • Maximum and minimum relative humidity will be in the range of 61-85% and 34-54%

### General Advisory:

As per extended range forecast large excess rainfall was recorded from 28.11.24 to 4.12.24 and large deficit is recorded from 5.12.24 to 12.12.24. Based on MME forecast no rainfall is predicted from 13.12.24 to 26.12.24. Based on MME forecast Tmax will be below normal in Week 1 and above normal in week 2. For Tmin, it will show and below normal in Week 1 and week 2. No rainfall is predicted, temperature is forecasted to lower down. Take care the cattle properly. • Take care of potato field after planting. As light rainfall is predicted on 21st and 22nd December arrange proper drainage system. • Take special care of boro paddy seed bed with young seedlings as minimum temperature is forecasted below normal. •

### SMS Advisory:

Take care of potato field after planting. As light rainfall is predicted on 21st and 22nd December arrange proper drainage system.

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Boro paddy Young seedling Effect of low temperature • After sowing of sprouted seed maintain minimum water layer and apply straw ash for

Crop (Stage)	Crop Specific Advisory
	preventing temperature. • For healthy seedlings follow water treatment • If seed bed area is very less making a shade of transparent polythene and remove it during sunshine hours. • Keep under regular observation of field. If seedlings become yellowish or reddish apply fungicide like Mancozeb or Diethane M-45 or mixture of Metalaxil and Mancozeb etc. • For preventing blast remove the morning fog and dew from seedlings at morning hours by stirring with bamboo stick.
SUNFLOWER	Sunflower • Field with sufficient moisture prepare for sowing of sunflower with proper ploughing. • Before sowing seed should be treated with Thirum or Captan or Bavistin @ 3g per kg of seed. • If farmers want to use bio fertilizer, they should be completed seed treatment 5-7 days before of sowing otherwise if they apply bio fertilizer just after seed treatment the beneficial effect of microbes present in bio fertilizer will hamper. • Apply 11kg Urea, 33kg SSP and 7kg MOP as basal dose. • Seed rate should be 400-500g per bigha area, and spacing should be 45-60cm X 30cm .

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BETELVINE	Betel vine Growing stage Effect of low temperature • Don't apply any bio fertilizer during low temperature condition. • Cover the Northern side of garden by polythene for Northern wind

#### Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Cattle All stages • Take special care for newly delivered mother cow • Keep clean and dry the new born calf • Cover the openings of shed by jute bag • Feed the cattle dry food • Cover the young one by jute bag

#### Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
CARP	Fishery Growing stage Effect of low temperature • Cut the branches of trees surrounding the pond for proper sunlight. • Apply food only during noon time. • Apply lime to keep the water clean.

#### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Poultry Layer and grower Effect of low temperature • Maintain the temperature with bulb . • Habituate the chicks from the first day at least one hour of darkness for avoiding fear of darkness which may effect in their feeding habit. • Apply dry mesh for feeding purpose