



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



Agromet Advisory Bulletin

Date : 19-12-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-12-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-20	2023-12-21	2023-12-22	2023-12-23	2023-12-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	26.0	26.0	25.0	25.0	26.0
Tmin(°C)	14.0	14.0	15.0	15.0	16.0
RH-I(%)	51	53	52	52	61
RH-II(%)	26	33	30	31	33
Wind Speed(kmph)	14	14	11	8	7
Wind Direction(Degree)	338	334	330	300	292
Cloud Cover(Octa)	0	2	5	2	3

Weather Summary/Alert:

No rainfall is predicted in next 5 days. • Sky will be clear in next 5 days. • Wind speed will be 7-14 km/hr and the predominant wind direction will be Northwesterly to Northerly . • Maximum temperature is expected to be around 25.0-26.0 degree and minimum temperature is likely to be 14.0-16.0 degree. • Maximum and minimum relative humidity will be in the range of 51-61% and 26-33%

General Advisory:

No rainfall is predicted sky will be clear. Minimum temperature is forecasted below normal. Take care of nursery bed of boro paddy from extreme low temperature. Seed should be sown in seed bed after proper seed treatment. Complete threshing and sun drying of harvested aman paddy.

SMS Advisory:

As minimum temperature is forecasted below normal, apply heat treatment by burning charcoal in earthen pot in chick house of poultry and feeding of fish only in day time for avoiding low temperature

Crop Specific Advisory:

Crop Stage	Crop Specific Advisory
RICE (Germination)	Boro paddy Sowing • Prepare low land field for nursery bed preparation in an area of 1/10th of total main field. • The bed should be 1mt in width and separate the seed bed by 20 cm depth irrigation channel. • Apply basal fertilizer viz.

Crop Stage	Crop Specific Advisory
	urea@750g/katha, SSP@2kg/katha and MOP@500g/katha. • Seeds should be treated with Bavistin@2g/kg of seed or Thirum 70WP@2.5g/kg of seed for • dry seed treatment. For wet seed treatment seeds should be dipped for 8-10 hours by • MEMC@15g/liter of water and then keep in gunny bag for 40-50hours for better germination. Boro paddy For early sown paddy Seedling stage chance of Root rot and yellowing of seedlings due to low temperature • Make shade by transparent polythene over seed bed • Follow water treatment (fill the bed with water during evening and remove the water at morning hours) for temperature conservation when seedlings are already grown up • Apply boron and zinc EDTA 0.5g/liter of water for getting healthy seedlings • Apply Diethane M-45@2.5g/liter of water after complete drain out of water from seed bed with growing seed lings • Avoid urea application on growing seed bed for avoiding its cooling effect.

Horticulture Specific Advisory:

Horticulture Stage	Horticulture Specific Advisory
BITTER GOURD (Fruit Maturity)	Winter vegetables (Cucurbits) Flowering to fruiting stage Yellowing of leaf and downey mildew attack due to extreme low temperature • Apply Planktomycin @0.5g/liter of water • For downey mildew attack apply Redomil

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