



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



Agromet Advisory Bulletin

Date : 22-12-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-12-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-23	2023-12-24	2023-12-25	2023-12-26	2023-12-27
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	27.0	28.0	28.0
Tmin(°C)	16.0	16.0	16.0	17.0	17.0
RH-I(%)	57	64	59	59	57
RH-II(%)	34	38	38	37	34
Wind Speed(kmph)	7	7	9	10	13
Wind Direction(Degree)	292	90	288	68	0
Cloud Cover(Octa)	2	6	0	0	0

Weather Summary/Alert:

No rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 7-13 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 27.0-28.0 degree and minimum temperature is likely to be 16.0-17.0degree. • Maximum and minimum relative humidity will be in the range of 57-64% and 34-38%.

General Advisory:

As per extended range forecast excess rainfall is recorded from 6.12.23 to 13.11.23 and no rainfall is recorded from 14.12.23 to 20.12.23. Based on MME forecast no rainfall is predicted from 22.12.23 to 28.12.23 and below rainfall is predicted from 29.12.23 to 4.1.24. Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show below normal in Week 1 and week 2.

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 (Sowing)	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. 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

Crop (Stage)	Crop Specific Advisory
	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.
LENTIL (Flowering)	Lentil, lathyrus Flowering Rust due to extreme low temperature • Apply Diethane M-45@2.5g/liter of water or Chlrothalonyl@ 2ml/liter of water •

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