



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



Agromet Advisory Bulletin

Date : 26-04-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-04-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-04-27	2024-04-28	2024-04-29	2024-04-30	2024-05-01
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	39.0	40.0	41.0	41.0	41.0
Tmin(°C)	30.0	30.0	30.0	30.0	30.0
RH-I(%)	73	78	82	77	80
RH-II(%)	42	44	36	41	48
Wind Speed(kmph)	26	26	24	26	28
Wind Direction(Degree)	202	204	206	204	207
Cloud Cover(Octa)	0	0	0	0	1

Weather Summary/Alert:

No rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 24-28 km/hr and the predominant wind direction will be South westerly . • Maximum temperature is expected to be around 39.0-41.0 degree and minimum temperature is likely to be 30.0 degree. • Maximum and minimum relative humidity will be in the range of 73-82% and 36-48%

General Advisory:

Mainly dry westerly to north westerly wind at lower levels continue to prevail over the region and due to strong solar insolation heat wave condition is very likely to prevail over the districts of West Bengal during 25th– 29thApril, 2024. Heat wave to Severe heat wave conditions prevailed in South 24 Parganas and East Midnapore. Maximum temperature recorded on 23.4.24 (Source: Govt. of India, Ministry of Earth Science,IMD, RMC, Kolkata) -----

Diamond Harbour 41.0 Degrees Severe heatwave condition Midnapur 41.2 Degrees Digha 39.8 Degrees Canning 41 Degrees Contai 41 Degrees Haldia 40.9 Degrees Sagar island 39.5 Degrees As per extended range forecast large deficit in rainfall is recorded from 11.4.24 to 24.4.24. Based on MME forecast no rainfall is predicted from 26.4.24 to 2.5. 24 and below normal rainfall is predicted from 3.5.24 to 9.5. 24. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show above normal in Week 1 and week 2. Special advisory for extreme heat wave condition in South Bengal All the farm operation should be done within 10 am and after 4 pm. Vegetable field and betel vine garden should be kept under irrigation. For preventing dropping of tender mango and cracking of litchi apply shower of water throughout the plant i.e from base to leaves. This is mainly extreme heat wave.

SMS Advisory:

After harvesting of boro paddy follow deep summer ploughing. During any farm operation keep the body hydrated for preventing the bad effect of extreme heat wave condition

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Boro paddy Maturity --Immediate complete harvesting, sundrying, threshing etc. otherwise shattering may take place due to the effect of extreme heatwave

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BITTER GOURD (Fruit Maturity)	Vegetables Summer vegetables: pumpkin, bittergourd, cucumber, okra -- Fruiting stage --Drying due to extreme heatwave • Apply lifesaving irrigation during evening time. • Keep the field under observation during very early morning for disease pest attack. • If borer or spodoptera attack found apply Spinosad only during evening hours.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	Cattle --All stages --Dehydration and loose motion • As extreme heatwave alert is there avoid the cattle for free grazing during noon and take them bath frequently. • For loose motion purify the drinking water by mixing Potassium Per Manganet @10g/1liter of water or 2% alum in the drinking water. • Don't use pond water for drinking purpose use tube well water or tap water • Feed the cattle at morning and evening time • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.)

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
CARP	Fishery --Death due to extreme heat wave and decreasing the water level of pond • Apply coconut leaves or water hyacinths over the pond so that fishes can take shelter under the leaves during extreme hot day.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Poultry --Grower and layer --Effect of high temperature (Decrease the size of egg, dehydration) • Apply more water pot in the cage • Mix electrolyte with drinking water and use cold tap water only • Arrange stand fan in poultry cage. • For preventing heatwave cover the windows of farm with wet jute bag and always keep the jute bag wet during the day time only.