



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



Agromet Advisory Bulletin

Date : 24-05-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-05-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-25	2024-05-26	2024-05-27	2024-05-28	2024-05-29
Rainfall(mm)	4.0	60.0	180.0	115.0	20.0
Tmax(°C)	37.0	38.0	37.0	35.0	35.0
Tmin(°C)	27.0	27.0	26.0	25.0	25.0
RH-I(%)	71	76	77	87	87
RH-II(%)	44	38	52	72	57
Wind Speed(kmph)	13	16	25	26	24
Wind Direction(Degree)	165	90	244	204	180
Cloud Cover(Octa)	4	8	8	8	8

Weather Summary/Alert:

Heavy to very heavy rainfall is predicted from 26th to 28th May and moderate rainfall is predicted in the remaining days.. • Sky will be mainly overcast from 26th to 29th May. . • Wind speed will be 13-26 km/hr and the predominant wind direction will be easterly to Southwesterly . • Maximum temperature is expected to be around 35.0-38.0 degree and minimum temperature is likely to be 25.0- 27.0 degree. • Maximum and minimum relative humidity will be in the range of 71-87% and 38-72%

General Advisory:

As per extended range forecast large above normal rainfall is recorded from 9.5.24 to 15.5.24 and large deficit in rainfall is recorded from 16.5.24 to 22.5.24. Based on MME forecast above normal rainfall is predicted from 24.5.24 to 6.6.24. 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. According to the forecast for pre cyclone condition heavy to very heavy rainfall with wind speed of 40-50km per hour is predicted in the districts of South Bengal. Postpone any spraying from 25th to 27th May. As forecast for lightning is there keep the cattle and harvested boro paddy under safe place.Dont move for any farm work during strong wind and heavy rainfall. As per recent update the cyclone is very likely to cross Bangladesh and adjoining West Bengal Coasts between Sagar Island and Khepupura around 26th May midnight as a severe cyclonic storm.

SMS Advisory:

Due to forecast of extreme heavy rainfall and strong winds, immediately harvest matured vegetables and fruits. Arrange proper drainage in vegetable fields and betel vine garden.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Sowing)	Dry seeded aman paddy Preparation of dry seed bed • Where very little scope of irrigation and with light saline soil, farmers are advised to prepare dry seed bed • Select 1/10th area of main field for seed bed preparation. • After ploughing and applying compost in the field @100kg per katha apply NPK fertilizer i.e. urea 1.5kg, SSP 2kg and MOP 500g per katha. • Before sowing seed should be treated with Thirum@2.5g per kg of seed or Trichoderma viridi@1g per kg of seed.
GREEN GRAM (Pod Maturity)	Mung 2nd Pod maturity stage Damage may cause due to heavy rainfall and increase the chance of spodoptera attack --Immediate complete plucking

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
PUMPKIN (Grand growth)	Summer vegetables (Okra, chilli, brinjal, cucurbits) Harvesting stage Heavy rainfall may hamper its usual growth and may lead to the fungal and pest attack i) Immediate complete harvesting of mature vegetables ii) Staking should be provided for support of plants. iii) Postpone spray of insecticide and pesticide
BETELVINE (Physiological Maturity)	Betel vine Growing leaf stage Breaking of vine and rotting of leaves due to strong wind and heavy rain • Immediate harvest marketable leaves. • Tightly bind the surroundings. • Arrange proper drainage system
LITCHI (Fruit Maturity)	Litchi 80% maturity stage Dropping and cracking of mature fruits Immediate complete harvesting

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
CARP	For fishery • For restricting the out flow of fish from pond make the embankment high • Transfer some fishes in other pond where fish population is high • For commercial fish production feeding should decrease up to 50% • After the heavy rain where water level will be up to 5 feet apply Potassium Permanganet@1kg per bigha • If poisonous gas form after heavy rainfall apply dolomite@1kg per bigha • Arrange aerator in the pond • No fertilizer should be applied during strong wind