



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



Agromet Advisory Bulletin

Date : 10-05-2024

Weather Forecast of District MEDINIPUR-EAST(West Bengal) Issued On : 2024-05-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-11	2024-05-12	2024-05-13	2024-05-14	2024-05-15
Rainfall(mm)	35.0	20.0	15.0	7.0	3.0
Tmax(°C)	33.0	33.0	33.0	34.0	34.0
Tmin(°C)	22.0	22.0	23.0	24.0	25.0
RH-I(%)	79	82	78	83	77
RH-II(%)	50	61	55	45	54
Wind Speed(kmph)	22	20	18	20	24
Wind Direction(Degree)	198	201	202	202	202
Cloud Cover(Octa)	4	3	5	5	3

Weather Summary/Alert:

Light to moderate rainfall is predicted on next 5 days. • Sky will be partly cloudy to mainly clear in next 5 days . • Wind speed will be 18-24 km/hr and the predominant wind direction will be Southerly . • Maximum temperature is expected to be around 33.0-34.0 degree and minimum temperature is likely to be 22.0-25.0 degree. • Maximum and minimum relative humidity will be in the range of 77-83% and 45-61%

General Advisory:

As per extended range forecast large deficit in rainfall is recorded from 18.4.24 to 1.5.24. Based on MME forecast above normal rainfall is predicted from 3.5.24 to 16.5. 24. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show slightly below normal in Week 1 and week 2. The cyclonic circulation over Bangladesh & neighbourhood now lies over East Bangladesh & neighbourhood at 1.5 km above mean sea level. A trough runs from East Assam to North Odisha across Gangetic West Bengal at 0.9 km above mean sea level. Under above favourable synoptic condition and strong moisture incursion from Bay of Bengal, Thunderstorm with lightning along with gusty wind speed and thunder squall activity very likely to continue over the districts of West Bengal.

SMS Advisory:

As rainfall is predicted, complete plucking of green gram otherwise rotting will take place.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Fruit formation)	Summer vegetables (Okra, bitter gourd, brinjal, chilli) Fruiting • Breaking of twigs due to strong wind and water stagnation for heavy rainfall • Borrer

Horticulture (Stage)	Horticulture Specific Advisory
	attack • Clean the dropped vegetables and twigs. • Clean the drainage channel • Remove excess water from the field. • For borer attack apply Spinosad @1.5ml per liter of water at afternoon hours. • As rainfall is forecasted so wait for two days for spraying.
GINGER (Nursery Bed Preparation)	Elephant footyam, Ginger, Turmeric Land preparation Prepare land for planting of rhizome crop
GUAVA (Fruit formation)	Guava,citrus,mango --To prevent fruit drop of citrus spray 10ppm solution of 2,4D --To prevent fruit drop of mango spray 15ppm NAA -- As rainfall is forecasted so wait for two days for spraying.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Deep summer ploughing --Follow the practice of deep summer ploughing in harvested boro paddy field --Collect the seed of dhaincha and sow the seed @3-4kg/bigha --Prepare land by deep ploughing for cultivation of direct seeded paddy and collect the seeds from certified agency