



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



Agromet Advisory Bulletin

Date : 01-08-2023

Weather Forecast of District MEDINIPUR-EAST(West Bengal) Issued On : 2023-08-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-02	2023-08-03	2023-08-04	2023-08-05	2023-08-06
Rainfall(mm)	80.0	26.0	15.0	12.0	15.0
Tmax(°C)	33.0	31.0	33.0	33.0	34.0
Tmin(°C)	26.0	27.0	27.0	28.0	28.0
RH-I(%)	81	81	80	81	81
RH-II(%)	80	80	79	79	79
Wind Speed(kmph)	42	42	42	40	38
Wind Direction(Degree)	248	248	248	248	248
Cloud Cover(Octa)	7	8	8	7	8

Weather Summary/Alert:

Heavy to very heavy rainfall is predicted in 2nd August and light to moderate rainfall is predicted in the remaining days. • Sky will be mainly cloudy to overcast in next 5 days . • Wind speed will be 38-42 km/hr and the predominant wind direction will be Southwesterly to Westerly. • Maximum temperature is expected to be around 31.0-34.0 degree and minimum temperature is likely to be 27.0-28.0 degree. • Maximum and minimum relative humidity will be in the range of 80-81% and 79-80%

General Advisory:

The Depression over Northeast Bay of Bengal moved north-northwestwards with a speed of 25kmph, intensified into a Deep Depression and lay centred at 0830 hours IST of today, the 1st August, 2023 over the northeast Bay of Bengal off Bangladesh coast near latitude 21.2 degree N and longitude 91.2 degree E, about 160 km east-southeast of Khepupara (Bangladesh) and 420 km east of Digha (West Bengal). It is likely to move northwestwards and cross Bangladesh coast close to east of Khepupara by evening of today, the 1st August. Thereafter, it is very likely to move west-northwestwards across Gangetic West Bengal during subsequent 24 hours. Forecast: Widespread rainfall along with thunderstorm and lightning is very likely over the districts of South Bengal during 01 st – 02nd August,2023. As heavy to very heavy rainfall is predicted 1st and 2nd August transplanting and fertilizer application should be postponed for two days. After two days depending upon the situation transplanting should be continued. Prepare drainage system for main field as well as nursery bed with growing seedlings , betel vine garden and winter vegetables seedling area. Keep the cattle and poultry bird under safe place. WARNING: SOUTH BENGAL WARNING: SOUTH BENGAL Rainfall: 01.08.2023 (RED WARNING) Heavy to very heavy rain (07-20 cm) with extremely heavy(>20 cm) is very likely at one or two places over South 24 Parganas, East & West Midnapore,

SMS Advisory:

As heavy to very heavy rainfall is predicted 1st and 2nd August transplanting should be postponed for two days. Prepare drainage system for crop field and Keep the cattle and poultry bird under safe

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Aman paddy • As heavy to very heavy rainfall is predicted 1st and 2nd August transplanting and fertilizer application should be postponed for two days. After two days depending upon the situation transplanting should be continued. • Immediately arrange proper drainage system in main field as well as standing seed bed. • Complete transplanting of up and medium land area within 15th August. • Follow proper depth and spacing during transplanting • Follow a spacing of 20cm X 10-15 cm per hill. • Follow a depth of 2-2.5cm during transplanting. If depth is more than the seedlings take more time to settle in the soil as a result node formation takes place at the base and tiller initiation is delayed, finally plants bend down later. • After 2-3 days of transplanting apply pre emergence weedicide for controlling weed. No hand weeding will be required here. • Keep the bund properly. • Where seedlings were transplanted 2-3 weeks before in lowland area apply first top dressing with urea @ 12kg per bigha. *All the above mentioned agriculture operations should be done after two days depending upon the situation.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Early winter vegetables (Cauliflower, cabbage, tomato, brinjal, chilli) • Growing seedling stage. • Seed bed should be weed free • Arrange proper drainage system for easy removal of excess water • Start to prepare main field for planting of seedlings at the middle of August.