



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

Bidhan Chandra Krishi Viswavidyalaya

Mohanpur, Dist- Nadia, West Bengal



### Agromet Advisory Bulletin

Date : 18-07-2023

Weather Forecast of MEDINIPUR-EAST(West Bengal) Issued On : 2023-07-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-07-19	2023-07-20	2023-07-21	2023-07-22	2023-07-23
Rainfall(mm)	4.0	6.0	2.0	12.0	18.0
Tmax(°C)	34.0	33.0	32.0	32.0	32.0
Tmin(°C)	27.0	27.0	27.0	27.0	28.0
RH-I(%)	84	83	79	85	84
RH-II(%)	58	59	55	51	60
Wind Speed(kmph)	14	12	10	15	18
Wind Direction(Degree)	148	135	146	122	156
Cloud cover(octa)	5	4	7	8	7

#### Weather Summary/Alert:

Light to moderate rainfall is predicted in the next 5 days. • Sky will be partly to mainly cloudy in next 5 days . • Wind speed will be 12-18 km/hr and the predominant wind direction will be South-Easterly to Southerly . • Maximum temperature is expected to be around 32.0-34.0 degree and minimum temperature is likely to be 27.0 -28.0 degree. • Maximum and minimum relative humidity will be in the range of 79-84% and 51-60%

#### General Advisory:

As per forecast data light to moderate rainfall is predicted on next 2 days and sky will be partly to mainly cloudy. Warm temperature with high humidity is forecasted. Start to sow early winter vegetable , chilli, brinjal, tomato in ridge furrow system. Arrange the bund of main field of aman paddy and drainage channel of betel vine garden properly.

#### SMS Advisory:

As warm weather prevail with light to moderate rainfall and extreme humidity take care for fungal disease of poultry and chitla disease of betel vine.

#### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Aman wet seeded paddy • Prepare area with low land for transplanting for avoiding fully submerged condition of young seedlings due to heavy rain. When heavy rain will be there the seedlings already will be large enough to prevent deep water subemergency. • Prepare the main field by ploughing at a depth of 12-15 cm and puddle the field • Apply 7quintal organic manure per bigha in main field • Check the bund around the field • Apply ZnSO <sub>4</sub> @ 3.5kg/bigha with urea for preventing Khaira disease • Before uprooting the seedlings from seed bed apply Carbofuran@3g/mt <sup>2</sup> for preventing stem borer Care of seed bed • As large deficit in rainfall was recorded till 14th July seed sowing should be done at an interval so that late transplanting can be done if situation will worse. • Maintain proper water level in the seed bed • Arrange proper way of excess water removal through channel around the bed if there is heavy rain. • Don't apply unnecessary urea if seedlings found thin and weak. • Start to prepare mainfield by ploughing with dhaincha to incorporate in the soil. • Field should be surrounded by proper band • Make proper drainage facility in the field for avoiding water stagnation

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Tomato, Chilli, Brinjal • Start sowing of hybrid early variety of seeds for transplanting at the end of August • Seed bed should be made through ridge furrow system. • Seed bed should be free from weed.

**Live Stock Specific Advisory:**

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	Cattle All stages • black quarter and foot and mouth disease • If the cattle already attacked by black quarter then promptly give penicillin and Tetracyclin and inoculated these medicine at the side of wound • Cattle may be attacked by foot and mouth disease due to rainy weather • Wash the wound with potassium per manganet solution • For worm infection prohibit grazing in waterlogged area