



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



Agromet Advisory Bulletin

Date : 16-05-2023

Weather Forecast of District MEDINIPUR-EAST(West Bengal) Issued On : 2023-05-16(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-05-17 | 2023-05-18 | 2023-05-19 | 2023-05-20 | 2023-05-21 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 2.0 | 1.0 | 3.0 | 5.0 | 5.0 |
| Tmax(°C) | 36.0 | 36.0 | 36.0 | 37.0 | 37.0 |
| Tmin(°C) | 25.0 | 26.0 | 26.0 | 27.0 | 27.0 |
| RH-I(%) | 82 | 80 | 75 | 79 | 73 |
| RH-II(%) | 60 | 35 | 54 | 44 | 48 |
| Wind Speed(kmph) | 31 | 26 | 28 | 27 | 26 |
| Wind Direction(Degree) | 202 | 202 | 202 | 202 | 202 |
| Cloud Cover(Octa) | 2 | 4 | 2 | 2 | 2 |

Weather Summary/Alert:

Light rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 26-31 km/hr and the predominant wind direction will be Southerly . • Maximum temperature is expected to be around 36.0-37.0 degree and minimum temperature is likely to be 25.0-27.0 degree. • Maximum and minimum relative humidity will be in the range of 73-82% and 35-60%

General Advisory:

As per extended range forecast to excess rainfall is recorded from 27.4.23 to 3.5.23 and deficit in rainfall is recorded from 4.5.23 to 11.5.23. Based on MME forecast below normal rainfall is predicted from 12.5.23 to 25.5.23. Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show above normal in Week 1 and week 2. In presence of an upper air trough from Bihar to Odisha and strong moisture incursion from Bay of Bengal, enhance thunderstorm with lightning activity along with gusty wind is very likely over the districts of West Bengal during 15 th May to 20th May,2023 with peak activity during 18th -20th May in South Bengal. Rain/Thunderstorm very likely to occur at many places over the districts of West Bengal during 15 th - 20th May,2023. To know the nowcast weather forecast for thunderstorm follow WhatsAppmesages

SMS Advisory:

As there is a forecast of enhance thunderstorm with lightning activity along with gusty wind , keep the irrigation stop, tightly bind the betel vine garden and keep the cattle safe from lightning.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|---|
| RICE | Green manure • Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects • Sow green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil |
| GREEN GRAM | Mung • 2nd pod maturity continuing • Spodoptera attack • Start picking of mature pod of 2nd flowering during morning hours • For spodoptera attack spray B.T. @1g/liter of water or Spinosad @ 1.5ml/liter of water at afternoon hours. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| COW | Cattle • All stages • Heat stroke due to increased temperature • Now temperature is increasing • Feed the cattle at morning and evening time • Avoid mung mash and mustard cake in their food and supply arhar or black gram mash and sesame or linseed cake • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.) • Feed them a mixture of water (15liter)+molasses (250g)+basan (500g)+salt (50g) and sodium carbonate(50g) per cow during noon hours for avoiding high temperature • Keep the cattle indoor at afternoon hours also |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|-----------------------------|--|
| CARP | Fishery • farmers who want to prepare new pond for carp cultivation they are advised to apply mahua cake in the pond area. • Wait 7days then apply lime for cleaning the water and then wait for good pre-monsoon shower |