



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



Agromet Advisory Bulletin

Date : 12-05-2023

Weather Forecast of District MEDINIPUR-EAST(West Bengal) Issued On : 2023-05-12(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-05-13 | 2023-05-14 | 2023-05-15 | 2023-05-16 | 2023-05-17 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 36.0 | 35.0 | 35.0 | 37.0 | 36.0 |
| Tmin(°C) | 27.0 | 26.0 | 26.0 | 28.0 | 28.0 |
| RH-I(%) | 82 | 72 | 76 | 85 | 84 |
| RH-II(%) | 38 | 40 | 27 | 48 | 53 |
| Wind Speed(kmph) | 15 | 12 | 20 | 27 | 28 |
| Wind Direction(Degree) | 158 | 135 | 202 | 201 | 201 |
| Cloud Cover(Octa) | 8 | 8 | 8 | 5 | 3 |

Weather Summary/Alert:

Light rainfall is predicted on 14th May only. • Sky will be mainly to partly cloudy in next 5 days . • Wind speed will be 12-28 km/hr and the predominant wind direction will be Southerly . • Maximum temperature is expected to be around 35.0-37.0 degree and minimum temperature is likely to be 26.0-28.0 degree. • Maximum and minimum relative humidity will be in the range of 72-85% and 27-53%

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. To know the nowcast weather forecast for thunderstorm follow WhatsAppmessges

SMS Advisory:

As hot weather prevailing with discomfort situation and no rainfall is predicted keep the cattle and poultry bird protected, irrigate betel vine and vegetables at afternoon hours.

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 |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| | 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 |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | Poultry • Layers and growers • Poor egg quality due to effect of high temperature • Use only cool tap water for drinking purpose • Keep less number of bird per cage • Add minerals with drinking water • Cover the window of farm with wet jute bag |