



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



Agromet Advisory Bulletin

Date : 23-05-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-05-23(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-05-24 | 2023-05-25 | 2023-05-26 | 2023-05-27 | 2023-05-28 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 3.0 | 15.0 | 20.0 | 10.0 | 3.0 |
| Tmax(°C) | 36.0 | 36.0 | 36.0 | 35.0 | 35.0 |
| Tmin(°C) | 29.0 | 28.0 | 26.0 | 27.0 | 26.0 |
| RH-I(%) | 84 | 85 | 87 | 88 | 69 |
| RH-II(%) | 52 | 58 | 62 | 45 | 47 |
| Wind Speed(kmph) | 31 | 25 | 22 | 17 | 15 |
| Wind Direction(Degree) | 201 | 169 | 158 | 153 | 120 |
| Cloud Cover(Octa) | 1 | 4 | 3 | 1 | 2 |

Weather Summary/Alert:

Light to moderate rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 15-31 km/hr and the predominant wind direction will be Southerly to Southwesterly . • Maximum temperature is expected to be around 35.0-36.0 degree and minimum temperature is likely to be 26.0-29.0 degree. • Maximum and minimum relative humidity will be in the range of 69-88% and 45-62%

General Advisory:

As per extended range forecast deficit in rainfall is recorded from 4.5.23 to 17.5.23. Based on MME forecast below normal rainfall is predicted from 19.5.23 to 1.6.23. 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 WhatsAppmesages

SMS Advisory:

As there is a forecast of thunderstorm from 23rd to 27th May complete threshing and sundrying of boro paddy immediately and keep the cattle safe during lightning.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| RICE | Boro paddy • Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects • Take care green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil • Immediate take the grains of boro paddy from threshing floor for sun dry |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|---|
| BETELVINE | Betel vine Green leaf stage • Chital due to hot and humid weather • Immediate repair the fencing of garden tightly • Apply Bordeaux mixture and keep proper aeration inside the garden • Apply sprinkler irrigation inside the garden |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|--|
| COW | Cattle At all stages • All stages • Heat stroke due to increased temperature • Worm infection due to hot and humid weather. • 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 • Immediate complete the vaccination before rain • Feed Bolus at 4 months interval@1 Bolus per 150kg body wt for worm infection. • Complete vaccination before monsoon. • Keep indoor the cattle as per the warning to protect them from lightning. |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|-----------------------------|---|
| CARP | Fishery All stages • Low food intake due to hot weather • Feed the fishes during morning and afternoon hours • Make shadow by green pana (aquatic weed) at one side of pond • Uproot the weeds from the bottom of pond water for more oxygen supply |