



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for 24-PARAGANAS-SOUTH
District
Bidhan Chandra Krishi Viswavidyalaya
 Mohanpur, Dist- Nadia, West Bengal



Agromet Advisory Bulletin

Date : 2024-11-29

Weather Forecast of District 24-PARAGANAS-SOUTH (West Bengal) Issued On : 2024-11-29 (Valid Till 08:30 IST of the next 5 days)

| Parameter | 2024-11-30 | 2024-12-01 | 2024-12-02 | 2024-12-03 | 2024-12-04 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 1.0 | 6.0 | 2.0 | 0.0 | 0.0 |
| Tmax(°C) | 27.0 | 26.0 | 26.0 | 27.0 | 28.0 |
| Tmin(°C) | 21.0 | 21.0 | 20.0 | 20.0 | 20.0 |
| RH-I(%) | 67 | 68 | 67 | 64 | 62 |
| RH-II(%) | 44 | 43 | 42 | 41 | 36 |
| Wind Speed(kmph) | 11 | 11 | 9 | 10 | 11 |
| Wind Direction(Degree) | 18 | 20 | 28 | 19 | 24 |
| Cloud Cover(Octa) | 6 | 7 | 7 | 6 | 4 |

Weather Summary/Alert:

Light rainfall is predicted on 30th November to 2nd December. The sky will partly cloudy in the next 5 days. Maximum temperature is predicted around 26.0-28.0 degrees and minimum temperature is predicted around 20.0-21.0 degrees in next 5 days. Maximum humidity is forecasted around 62-68 % and minimum humidity 36-44%. Wind speed will be 9-11 km/hr and the predominant wind direction will be Northerly.

General Advisory:

As per extended range forecast no rainfall was recorded from 14.11.24 to 27.11.24. Based on MME forecast large excess rainfall is predicted from 29.11.24 to 5.12.24 and large deficit in rainfall is predicted from 6.12.24 to 12.12.24. Based on MME forecast Tmax will be above normal in Week 1 and below normal in week 2. For Tmin, it will show above normal in Week 1 and below normal in week 2. • As light rainfall is predicted postpone harvesting of aman paddy for 2-3 days. • Postpone the potato field preparation and planting till the weather will be favourable. • Prepare seed bed for boro paddy. Nursery bed must be well levelled and separated by irrigation channel so that water level can be maintained and other farm operation can be done without entering inside the seed bed. Keep the nursery bed under proper observation for notifying when seedlings will attack by blast or nutrient deficiency or any other disease so that precaution can be taken at the early stage of infestation.

SMS Advisory:

As light rainfall is predicted postpone harvesting of aman paddy, potato field preparation and planting for 2-3 days.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|--------------|---|
| RICE | Boro paddy Nursery bed preparation • Prepare low land and levelled field for nursery bed preparation in an area of 1/10th of total main field. The bed should be 1mt in width and separate the seed bed by 20 cm depth irrigation channel. • Apply basal fertilizer viz. urea@750g/katha, SSP@2kg/katha and |

| Crop (Stage) | Crop Specific Advisory |
|--------------|--|
| | MOP@500g/katha. • Seeds should be treated with Bavistin@2g/kg of seed or Thirum 70WP@2.5g/kg of seed for dry seed treatment. For wet seed treatment seeds should be dipped for 8-10 hours by MEMC@15g/liter of water and then keep in gunny bag for 40-50hours for better germination. |
| RICE | Aman paddy harvesting Spodoptera attack • As rainfall is predicted postpone harvesting of aman paddy. • After 5th December harvesting must be completed as early as possible. • No spraying should be done for spodoptera attack, it may cause harmful effect on grain |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|----------------------|--|
| BETELVINE | Betel vine Growing stage • As now minimum temperature is around 180C , follow organic manure like mustard cake application for better root growth. • Organic Fertilizer application must be completed before the temp. become very low otherwise root growth will be hampered. |

Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory |
|---------|---|
| CHICK | Poultry Farm arrangement • Before entry of new born chicks into farm the cage area should be disinfected by making fumigation for 15 minutes with the help of the mixture of 50g Potassium Per Manganet and 75ml Formalin in an earthen pot. • The wall and floor should be coloured with white lime. • Maintain the temperature with bulb . • Habituate the chicks from the first day at least one hour of darkness for avoiding fear of darkness which may effect in their feeding habit. |