



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



Agromet Advisory Bulletin

Date : 06-09-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-09-06(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2024-09-07 | 2024-09-08 | 2024-09-09 | 2024-09-10 | 2024-09-11 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 7.0 | 7.0 | 10.0 | 15.0 | 20.0 |
| Tmax(°C) | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| Tmin(°C) | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 |
| RH-I(%) | 89 | 88 | 89 | 89 | 86 |
| RH-II(%) | 61 | 69 | 67 | 67 | 72 |
| Wind Speed(kmph) | 14 | 15 | 14 | 13 | 8 |
| Wind Direction(Degree) | 90 | 116 | 124 | 79 | 240 |
| Cloud Cover(Octa) | 6 | 7 | 7 | 7 | 8 |

Weather Summary/Alert:

Light to moderate rainfall is predicted in the next 5 days. The sky will be partly to mainly cloudy in next 5 days. Maximum temperature is predicted around 34 degrees and minimum temperature is predicted around 27 degrees in next 5 days. Maximum humidity is forecasted around 86-89% and minimum humidity 61-72%. Wind speed will be 8-15 km/hr and the predominant wind direction will be Easterly to Southwesterly.

General Advisory:

Forecast for light to moderate rainfall, prediction is there for rising maximum temp and humidity , Chance of huge sheath blight and sheath rot attack in aman paddy field. If attack found apply Validamycine(Contaf plus) @ 1ml per liter of water. Spraying must be done in bund area also. Hand weeding must be done at a regular interval in aman paddy field. As temperature and humidity is rising increase water pot inside poultry farm and keep the cattle indoor during noon time.

SMS Advisory:

Forecast for rising maximum temp and humidity with light to moderate rainfall , Chance of huge sheath blight and sheath rot attack in aman paddy field. If attack found apply Validamycine(Contaf plus)

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE (Tillering) | South 24 Parganas Aman paddy Peak tillering Sheath blight and sheath rot attack may take place due to hot and humid weather Stem borer attack may take place due to rising temperature • Complete first top dressing by urea@10kg per bigha. • Inspect the field for checking disease pest attack during morning hours. • For preventing Stemborrer attack apply Chlorothanolipol (granular) @ 1.3kg per bigha • If plants found attack by sheath blight apply fungicide Carbendazin 50WP @1g per liter of water (Contaf Plus) on the plants directly. • PurbaMedinipur Aman paddy Tillering |

| Crop (Stage) | Crop Specific Advisory |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | stage Observation should be done during morning hours to inspect pest attack condition • Complete first top dressing • If leaf roller or stem borer moth found during inspection only then Chlorothalonpyrol can be applied. |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPINE GOURD (Flowering) | Standing cucurbits (Sponge gourd, cucumber, snake gourd) Flowering and fruiting --Huge wilting (yellowing of leaves) attack found due to sunny weather after heavy rain. --Chance of white fly attack • Apply DiethaneM-45@2.5g/liter of water for preventing wilting. • For preventing white fly attack tender fruits must be packed with polythene. |
| BETELVINE (Grand growth) | Betel vine Growing --Warm and humid weather may cause chital disease attack. • Apply 0.5% Bordeaux mixture both on leaves and vine. • Arrange proper aeration inside the garden.. |