



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



Agromet Advisory Bulletin

Date : 20-08-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-08-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-08-21	2024-08-22	2024-08-23	2024-08-24	2024-08-25
Rainfall(mm)	30.0	20.0	12.0	30.0	15.0
Tmax(°C)	30.0	31.0	31.0	31.0	31.0
Tmin(°C)	27.0	27.0	27.0	27.0	27.0
RH-I(%)	83	83	80	86	86
RH-II(%)	70	72	65	68	76
Wind Speed(kmph)	22	22	20	21	22
Wind Direction(Degree)	202	204	243	243	204
Cloud Cover(Octa)	8	8	8	8	8

Weather Summary/Alert:

Moderate to heavy rainfall is predicted in the next 5 days. The sky will be overcast in next 5 days. Maximum temperature is predicted around 30 to 31 degrees and minimum temperature is predicted around 27 degrees in next 5 days. Maximum humidity is forecasted around 80-86% and minimum humidity 65-76%. Wind speed will be 20-22 km/hr and the predominant wind direction will be South Westerly.

General Advisory:

As per extended range forecast above normal rainfall was received from 1.8.24 to 7.8.24 and deficit in rainfall was recorded from 8.8.24 to 14.8.24. Based on MME forecast above normal rainfall is predicted from 16.8.24 to 29.8.24. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show slightly above normal in Week 1 and week 2.

SMS Advisory:

Moderate to Heavy rainfall is predicted .Avoid water stagnation inside betel vine garden and vegetable field with ridge furrow system. Restrict top dressing in watered aman paddy field

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Tillering)	South 24 Parganas Aman paddy Early transplanted paddy in tillering stage and Late transplanting paddy in vegetative stage. Deep water stagnation restrict application of first top dressing • Where deep water stagnation is there and transplanting has done 20-24 days ago prevent top dressing by urea till the water level will normal. • No spraying for weed control should be applied

Crop (Stage)	Crop Specific Advisory
	<p>on watered field. • Where newly transplanted main field was found completely submerged take preparation for gap filling with seedlings in place of damaged seedlings. Purba Medinipur Aman paddy Early transplanted paddy in tillering stage and Late transplanting paddy in vegetative stage. Sheath Blight • Where transplanting done 3-4 days before apply one herbicide like Pretilachlor with sand. • Herbicide must be applied at bund area also. • Keep the bund free from weed as these diseases sprayed through weed. • Where seedlings were transplanted 2-3 weeks before in apply first top dressing with urea @ 12kg per bigha. • As water is there apply neem coated urea • Urea can be applied by mixing with rat hole soil and make ball. After overnight drying the hard ball of urea with soil apply to the field for getting better effect in watered field.</p>

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Grand growth)	<p>Brinjal, Tomato, Chilli Tender Seedling • As heavy rainfall is predicted arrange weed free drainage channel in both ridge and furrow of the plots • Drain out of excess water • Drenching the soil around seedlings with Diethane M-45@2.5g/liter of water for preventing wilting in sunny days</p>
BETELVINE (Grand growth)	<p>Betel vine Growing Falsa disease and burning symptom on leaf near ground level • Pluck the affected leaf from field • Apply 0.5% Bordeaux mixture • Drain out excess water • Arrange free air movement within the garden • Arrange proper drainage facility as per requirement</p>