



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



Agromet Advisory Bulletin

Date : 12-09-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-09-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-13	2023-09-14	2023-09-15	2023-09-16	2023-09-17
Rainfall(mm)	20.0	45.0	20.0	15.0	5.0
Tmax(°C)	32.0	32.0	31.0	31.0	32.0
Tmin(°C)	28.0	27.0	27.0	27.0	26.0
RH-I(%)	86	84	86	88	88
RH-II(%)	65	61	69	73	72
Wind Speed(kmph)	11	8	8	15	14
Wind Direction(Degree)	165	101	90	117	158
Cloud Cover(Octa)	6	8	8	8	8

Weather Summary/Alert:

Moderate to heavy rainfall is predicted on next 4 days. • Sky will be overcast in next 5 days . • Wind speed will be 8-15 km/hr and the predominant wind direction will be Easterly to Southerly . • Maximum temperature is expected to be around 31.0-32.0 degree and minimum temperature is likely to be 26.0 -28.0 degree. • Maximum and minimum relative humidity will be in the range of 84-88% and 61-73%

General Advisory:

As per extended range forecast normal rainfall is recorded from 24.8.23 to 6.9.23. Based on MME forecast above normal rainfall is predicted from 8.9.23 to 21.9.23. 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. As per SPI index South 24 Parganas and East Medinipur shown mild dry condition from June to 6th September.

SMS Advisory:

As moderate to heavy rainfall is predicted, take care for cattle and poultry bird and prevent water stagnation in vegetable field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Aman paddy (Wet seeded) Tillering/Peak tillering Stage Chance of Stemborner attack and sheath blight • Inspect the field for checking disease pest attack during morning hours. • Follow proper bunding around the main field. • Follow hand weeding to keep the field weed free. • If sheath blight found above threshold level in case of high yielding aman paddy variety, spray kopiconazole@1.5ml/liter of water with sticker • Where 15 – 20 days over after transplanting follow first top dressing with 8kg/bigha for high yielding variety and

Crop(Varieties)	Crop Specific Advisory
	10kg/bigha for conventional paddy. • For preventing Stemborrer attack apply Chlorothanolipol (granular) @ 1.3kg per bigha within 15 to 20 days after transplanting for avoiding its remaining poisonous effect during panicle initiation. • If plants found attack by sheath blight apply fungicide Carbendazin 50WP @1g per liter of water (Contaf Plus) on the plants directly during sunny days. • As enhanced rainfall activity is predicted no spraying should be done on next four days.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	Early winter Vegetables Place where already planting completed before Vegetative stage • Stem rot or blunt rot due to occasional rainfall and high humidity • Spray a mixture of Bavitin@1g/liter of water and Diethane M-45@2.5g/liter of water • Arrange proper weed free furrow for quick removal of water. • Don't allow water stagnation condition.
BETELVINE	Betel vine • Green Leaf stage • Huge attack of chital disease due to heavy humidity. • Falsa disease and burning symptom on leaf near ground level • When weather remain clear only then apply 0.5% Bordeaux mixture throughout the whole plant. • Apply copper fungicide after plucking or before seven days of plucking • Destroy the affected leaves • Arrange proper drainage system for easy removal of water as moderate to heavy rainfall is predicted in next 4 days.