



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 02-07-2024

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-07-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-07-03	2024-07-04	2024-07-05	2024-07-06	2024-07-07
Rainfall(mm)	40.0	45.0	50.0	35.0	25.0
Tmax(°C)	30.0	30.0	31.0	32.0	33.0
Tmin(°C)	27.0	26.0	27.0	28.0	28.0
RH-I(%)	75	75	76	73	74
RH-II(%)	55	58	63	55	52
Wind Speed(kmph)	21	25	23	20	17
Wind Direction(Degree)	246	204	202	202	201
Cloud cover(octa)	8	8	8	8	8

Weather Summary/Alert:

Heavy to very heavy rainfall is predicted on next 5 days. • Sky will be overcast in next 5 days . • Wind speed will be 17--25 km/hr and the predominant wind direction will be Southerly to Westerly . • Maximum temperature is expected to be around 30.0-33.0 degree and minimum temperature is likely to be 26.0-28.0 degree. • Maximum and minimum relative humidity will be in the range of 73-76% and 52-63%

General Advisory:

As per extended range forecast large deficit in rainfall is recorded from 13.6.24 to 26.6.24. Based on MME forecast above normal rainfall is predicted from 28.6.24 to 11.7.24. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show above normal in Week 1 and week 2.

SMS Advisory:

As heavy rainfall is predicted start planting of fruit saplings in the early prepared pit.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Nursery/Seedling)	Wet seeded aman paddy cultivation (Long duration) For main field preparation • Prepare area with low land for transplanting for avoiding fully submerged condition of young seedlings due to heavy rain. When heavy rain will be there the seedlings already will be large enough to prevent deep water submergency. • Prepare the main field by ploughing at a depth of 12-15 cm and puddle the field • Apply 7quintal organic manure per bigha in main field • Check the bund around the field • Apply ZnSO4 @ 3.5kg/bigha with urea for

preventing Khaira disease • Before uprooting the seedlings from seed bed apply Carbofuran@3g/mt² for preventing stem borer Aman wet seeded paddy (Short duration) • Complete sowing of Aman paddy (0.3 decimal area per bigha) within 4-5 days. • Seed bed must be made with different date of sowing to fulfil any requirement of re-transplanting due to heavy rain or delay of monsoon rain. Important note for farmers: • Blast disease is a very harmful disease for paddy. This disease can attack from seedling to panicle bearing stage. This disease is completely weather dependent disease. To prevent this disease seed treatment and use of adequate dose of fertilizer is very important. Always collect seed from certified agency. Always check the germination quality of seed. Never use polished old seeds with less germination percentage.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL (Sowing)	Vegetables for monsoon • Make raised seed bed of length 10ft, width 3ft and height 6 inch with proper drainage channel 6inch depth between two beds on the upland area. • Prepare the soil with 10kg compost, 25g trichoderma viridi and 25g Pseudomonus fluroscence per mt ² area for preventing wilting. • Before sowing the seed, treated them with Carbendazin@2-3g/kg of seed • As monsoon already reached, after rainfall the upper soil layer of seed bed may be harden, stirring the upper soil with hand equipment and make it friable.
GINGER (Rhizome and Maturity)	Rhizome crop (Ginger, Turmeric) Rhizome bearing Rotting due to stagnant rain water • Arrange proper drainage system for easy removal of water. • Apply copper fungicide after water removal completely.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Poultry Layer and grower Fungal attack • For preventing fungal attack apply lime • For avoiding damp condition in liter apply old news paper • Rearrange the litter if possible.