



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



Agromet Advisory Bulletin

Date : 17-12-2021

Weather Forecast of MEDINIPUR-EAST(West Bengal) Issued On : 2021-12-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-18	2021-12-19	2021-12-20	2021-12-21	2021-12-22
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	26.0	26.6	24.7	23.4	24.1
Tmin(°C)	13.0	13.7	11.0	10.4	12.2
RH-I(%)	49	57	40	46	50
RH-II(%)	28	33	29	23	26
Wind Speed(kmph)	12.6	16.4	15.3	12.5	11.1
Wind Direction(Degree)	338	288	340	338	333
Cloud Cover(Octa)	3	0	0	0	0

Weather Summary/Alert:

No rainfall is predicted in next 5 days. •Sky will be clear in next 5 days. •Wind speed will be 11.1-16.4 km/hr and the predominant wind direction will be Northwesterly to Northerly . •Maximum temperature is expected to be around 23.4-26.6 degree and minimum temperature is likely to be 10.4-13.7 degree. •Maximum and minimum relative humidity will be in the range of 40-57% and 23-29%

General Advisory:

As per long range forecast no rainfall is predicted , minimum temperature will be within 12.00C to 14.00C, sky will be clear. Farmers are advised to complete sowing of boro paddy in seed bed and sowing of sunflower and other oilseed crops.

SMS Advisory:

As temperature will lower down take care of poultry bird and cattle for shaded area, proper cleanness and proper warm environment.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy • For early sown paddy chance of Root rot and yellowing of seedlings due to low temperature • Make shade by transparent polythene over seed bed • Follow water treatment (fill the bed with water during evening and remove the water at morning hours) for temperature conservation when seedlings are already grown up • Apply boron and zinc EDTA 0.5g/liter of water for getting healthy seedlings • Apply Diethane M-45@2.5g/liter of water after complete drain out of water from seed bed with growing seed lings • Avoid urea application on growing seed bed for avoiding its cooling effect. • For late sown boro paddy prepare upland 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 MOP@500g/katha. • Seeds should be treated with Bavistin@2g/kg of seed or Thirum70WP@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. • Seeds should be sown @10kg/bigha in case of traditional rice cultivation • Apply straw ash just after sowing of sprouted seed on seed bed as low temperature is predicted.
SUNFLOWER	Sunflower • Field with sufficient moisture prepare for sowing of sunflower with proper ploughing. • Before sowing seed should be treated with Thirum or Captan or Bavistin @ 3g per kg of seed. • If farmers want to use bio fertilizer, they should be completed seed treatment 5-7 days before of sowing otherwise if they apply bio fertilizer just after seed treatment the beneficial effect of microbes present in bio fertilizer will hamper. • Apply 11kg Urea, 33kg SSP and 7kg MOP as basal dose. • Seed rate should be 400-500g per bigha area, and spacing should be 45-60cm X 30cm .

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CABBAGE	winter vegetables (Cabbage, Cauliflower) now in head formation stage • Infestation of spodoptera may transform from harvested aman paddy field • Apply Spinosad @1.5ml/liter of water

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	Poultry bird • 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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Potato • Select upland area with friable soil for planting of potato. • Before planting treated the seed with 0.25% Mancozeb solution by soaking for 10 minutes. • For using bio fertilizer apply P.S.B and Azotobactor 300g mixed with 20-25 kg Bio Fertilizer per bigha area before planting. • Apply 29kg Urea, 125kg SSp and 33kg MOP per bigha as basal fertilizer dose.