



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Indian Institute of Technology
Kharagpur, West Bengal



Agromet Advisory Bulletin

Date : 11-11-2022

Weather Forecast of District BANKURA(West Bengal) Issued On : 2022-11-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-11-12	2022-11-13	2022-11-14	2022-11-15	2022-11-16
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	28.0	27.0	27.0	27.0
Tmin(°C)	18.0	17.0	17.0	17.0	17.0
RH-I(%)	59	52	48	48	49
RH-II(%)	31	28	24	24	26
Wind Speed(kmph)	7.0	9.8	9.0	10.0	10.1
Wind Direction(Degree)	315	335	338	333	338
Cloud Cover(Octa)	4	4	0	0	0

Weather Summary/Alert:

(I) Clear sky and fair weather conditions will likely be expected in the next five days (II) During the next five days, the expected maximum and minimum temperatures will likely be in the range of 27-29°C and 17-18°C respectively. (III) The weather will likely remain somewhat dry in the next five days. (IV) The wind will be expected to blow mainly from north-easterly and north-westerly directions with an average wind speed of about 9 kmph.

General Advisory:

(I) According to the Extended Range Forecast System, the maximum and minimum temperatures will likely be below normal. (II) Weather will likely be favourable for harvesting the matured paddy crop. (III) Start the land preparation and sowing of winter vegetable and mustard crops. (IV) Use the MEGHDOOT apps for medium-range weather forecast and weather-based agro advisory, DAMINI apps of rain lightning warnings, also use MAUSAM apps for getting the weather information.

SMS Advisory:

After the harvest of the paddy, do not burn the stubbles in the field, rather use it for composting purposes by using bio-decomposer

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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CABBAGE	If there is an attack of diamond back moth on cabbage, the eggs and larvae should be collected and destroyed first. Spray Diazinon 20% 2.5 ml or Fipronil 5% 1 ml per liter of water. You can soak the rope in water mixed with kerosene and pull it in the field. The caterpillars should be hand-picked and destroyed. Spraying upon the emergence of the pest with Malathion (0.1%).
MARIGOLD	Spray Monocrotophos 0.05%, Phosphamidon 0.02%, or Dimethoate 0.03% at 10-15 days interval helps to check the population of the aphids in marigold.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
SWEET WATER FISH	In winter season growth of fish reduced. For expected production take the following measures. Use vitamin n mineral mixture with feed. Use cobalt chloride with feed for better results. Use choline chloride in pond @ 300 ml per Bigha. Apply organic fertilizer by compost it in outside. Apply supplementary feed in low rate 2 percent of body weight.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Apply 2 tons of organic manure and 6 kg of Azotobacter + P. S. B. per acre during land preparation for mustard cultivation. Apply 20 kg nitrogen, 20 kg phosphate and 10 kg potash per acre as basal fertilizer and 20 kg nitrogen and 10 kg potash as topdressing fertilizer in first irrigation at 30-40 days after sowing.
PLANT PROTECTION	Seed treat ment of potato: For late blight and black scarf: Carbendazim 25% and Mancozeb 50% w. S. -- This mixed fungicide should be used for potato seed treatment at the rate of 6-7 grams per 10 kg of seed. Take the above mixed fungicide in a container of 10 liters of water and soak 10 kg of potato seeds in it for 20-30 minutes. A solution prepared once can be used a total of 5 times. Treated seeds should be dried in shade and then planted. Bacterial wilt of potato: Streptomycin Sulphate 90% and Tetracycline Hydrochloride 10% Sp. Can be used for seed treatment.