



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
 West Bengal University of Animal & Fishery Sciences
 Khudiram Bose Sarani, Kolkata



Agromet Advisory Bulletin

Date : 31-01-2023

Weather Forecast of District 24-PARAGANAS-NORTH(West Bengal) Issued On : 2023-01-31(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-01	2023-02-02	2023-02-03	2023-02-04	2023-02-05
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	29.0	30.0	28.1	27.7	27.6
Tmin(°C)	15.7	12.5	12.3	12.3	12.9
RH-I(%)	41	39	42	45	43
RH-II(%)	24	23	19	19	21
Wind Speed(kmph)	11.1	15.2	13.4	11.3	9.8
Wind Direction(Degree)	332	334	334	330	292
Cloud Cover(Octa)	6	1	2	0	0

Weather Summary/Alert:

Mainly clear to partly cloudy sky is expected during next days. No rainfall is expected during next five days. Wind flow mainly from N and NW direction and expected speed may be 10 - 15 km/hrs. Maximum relative humidity is expected to be around 39% - 45% and minimum RH is expected to be around 19% - 23%. Maximum temperature is expected to be around 27 - 30 deg C and Minimum temperature is expected to be around 12 - 16 deg C.

General Advisory:

In this foggy weather, spraying of Cuprous hydroxide 77% @ 2g/lit of water in case of low fungul disease severity is required. And for moderate to high severity, Spraying of Cymoxanil 8% + Mancozeb 64% @ 2g/lit of water or Spraying of Dimethomorph 9% + Mancozeb 64% @ 2 g/lit of water is required. For weather updates use 'Meghdoot' application and for Lightning alert updates use 'Damini' application.

SMS Advisory:

For Cole Crops check for infestation of Plutella Diamond back moth in young plants. If the plant is young then hand picking is advised otherwise neem-based insecticides may be sprayed.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
LENTIL	Top dressing is not required 30-40 days after sowing, 2% urea solution or D.A.P. aqueous solution spraying gives good result. Collar rot is a serious disease in lentil which causes considerable yield loss. Seed treatment with Trichoderma Viride formulation 4g/kg of seed

Crop(Varieties)	Crop Specific Advisory
	help to reduce the disease. Collection and destruction of diseased parts of the plants will be effective to control the disease. Spraying of mancozeb @ 2g/lit of water will help to serve this purpose.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Potato is a tuber crop, soil must be loose and friable. Light spading and frequent hand weeding make the soil loose & friable which enhances growth of tuber smoothly. This type of weather may cause early blight of Potato in the second or third week of January. To prevent this disease Mancozeb 2.5 g/lit water or Metalaxyl plus Mancozeb 2.5g/ lit water or Copper oxychloride 4g/ lit water spraying may be recommended. Hexaconazole spraying has been highly effective against the disease.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	To prevent ulcer disease of fish, apply 13 kg lime/1 bigha of pond. Then after 7 days, apply 1.3 kg bleaching powder.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Winter season is conducive for spreading of Ranikhet disease. Poultry breeders are advised to start vaccination against the cold season diseases.