



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



Agromet Advisory Bulletin

Date : 13-12-2022

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-12-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-14	2022-12-15	2022-12-16	2022-12-17	2022-12-18
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	30.8	30.4	29.1	28.3	27.7
Tmin(°C)	18.4	17.9	15.6	14.7	14.8
RH-I(%)	48	35	36	33	46
RH-II(%)	26	27	27	24	23
Wind Speed(kmph)	8.8	9.6	9.2	11.2	12.9
Wind Direction(Degree)	270	15	27	15	22
Cloud Cover(Octa)	1	0	2	6	4

Weather Summary/Alert:

No rainfall is predicted on next 5 days. • Sky will be partly cloudy to mainly clear in next 5 days . • Wind speed will be 8.8-12.9 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 27.7-30.4 degree and minimum temperature is likely to be 14.8-18.9 degree. • Maximum and minimum relative humidity will be in the range of 33-48% and 23-27%

General Advisory:

As per extended range forecast no rainfall is recorded from 24.11.22 to 07.12.22. Based on MME forecast no rainfall is predicted from 09.12.22 to 22.12.22. 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. To know the nowcast weather forecast for thunderstorm follow WhatsAppmessages

SMS Advisory:

As no rainfall is predicted and sky will be clear and minimum temp. Start to prepare upland area for sowing of lentil, sunflower, mustard and protect betel vine garden from Northern wind.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Paddy Boro paddy • Prepare low land 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 Thirum 70WP@2.5g/kg of seed for • dry seed treatment. For wet seed treatment seeds should be

Crop(Varieties)	Crop Specific Advisory
	dipped for 8-10 hours by • MEMC@15g/liter of water and then keep in gunny bag for 40-50hours for better germination.
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 .
LENTIL	Lentil • Prepare upland area with friable soil for sowing of lentil. • Select some variety for sowing like Asha, Ranjan, Subrata, Suvendu etc. • Before sowing apply basal fertilizer viz. urea@43kg/bigha, SSP@250kg/bigha and MOP@66kg/bigha

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Tomato, brinjal • Fruiting stage. • Chance of shoot and fruit borer due to humid weather. • To control shoot and fruit borer collect the affected fruits and buried into the soil • If infestation found high then spray Spinosad 48EC @1ml/liter of water. • Light irrigation should be given frequently
CAULIFLOWER	winter vegetables (Late sown) (Cabbage, Cauliflower) • Head formation • Infestation of spodoptera transform from harvested aman paddy field Apply Spinosad @1.5ml/liter of water