



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



Agromet Advisory Bulletin

Date : 14-01-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-01-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-15	2022-01-16	2022-01-17	2022-01-18	2022-01-19
Rainfall(mm)	2	0	0	0	0
Tmax(°C)	23.4	25.2	25.6	25.5	25.6
Tmin(°C)	15.0	14.2	12.8	12.6	12.6
RH-I(%)	57	51	52	52	49
RH-II(%)	45	40	36	27	28
Wind Speed(kmph)	11.0	13.4	15.3	15.1	13.9
Wind Direction(Degree)	22	24	15	335	335
Cloud Cover(Octa)	8	1	0	0	0

Weather Summary/Alert:

• Light rainfall is predicted on 15th January. • Sky will be overcast on next day and mainly clear in the remaining days. • Wind speed will be 11.0-15.3 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 23.4-25.6 degree and minimum temperature is likely to be 12.6-15.0 degree. • Maximum and minimum relative humidity will be in the range of 49-57% and 27-45%

General Advisory:

As per ERFs deficit rainfall was recorded from 30.12.21 to 05.01.22 and large excess rainfall was recorded and from 08.01.22 to 12.1.22. Based on MME forecast in next two week from 14.1.22 to 27.01.22 above normal rainfall is forecasted. Based on MME forecast Tmax will be below normal in Week 1 and 2. and for Tmin, it will show slightly above normal in Week 1 and week 2

SMS Advisory:

As light to moderate rainfall is predicted due to the effect of Western disturbance arrange weed free drainage channel in vegetable field and betel vine garden.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy Transplanting • Where seedlings are more than one month age prepare main field for transplanting • After drained out of water from seed bed apply urea before 7 days of transplanting so that seedlings become strong and never bend down in main field due to strong Northern wind • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSP@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost
MUSTARD	Mustard Flowering stage. • Due to humid weather as the effect of Western Disturbance plants may be attacked by white rust disease. • In diseased field apply a mixture of Metalaxyl 8% and Mancozeb 64% WP @ 37g per 15 liter of water.
LENTIL	Pulse (Lentil, Lathyrus) • Flowering to pod initiation stage • Rust due to light rain and cloudy sky • Apply Chlorothalonil 75% WP @ 37 g per 15 liter of water during clear weather after rain.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal , Chilli, tomato • Flowering/ fruiting stage • As there is a chance of light to moderate rainfall due to the effect of western disturbance arrange proper weed free irrigation channel in the field. • For preventing the crop from fungal attack, during clear weather after rain apply fungicide before or after rain Mancozeb 75% WP @37 g per 15 liter of water or Chlorothalonil 75% WP @ 37 g per 15 liter of water.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Potato • As light rainfall with cloudy weather is predicted there is a chance of late blight disease • Apply copper oxychloride 50% WP @ 4g per liter of water or Mancozeb 75% WP @ 2.5g per liter of water or Copper Hydroxide 77% WP @ 2.5g per liter of water as a precaution measure. • Don't irrigate the field unnecessarily • Restrict application of any fertilizer and micronutrient. • Apply fungicide at the lower portion of leaves and stem. • Don't apply same fungicide repeatedly