



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



Agromet Advisory Bulletin

Date : 18-01-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-01-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-19	2022-01-20	2022-01-21	2022-01-22	2022-01-23
Rainfall(mm)	0	0	3	0	15
Tmax(°C)	23.4	24.3	25.2	26.4	26.7
Tmin(°C)	13.2	13.7	15.0	15.7	15.3
RH-I(%)	54	47	76	51	84
RH-II(%)	31	32	37	33	43
Wind Speed(kmph)	11.1	9.5	10.4	8.8	16.1
Wind Direction(Degree)	336	295	216	101	167
Cloud Cover(Octa)	0	0	0	0	1

Weather Summary/Alert:

Light rainfall is predicted from 21st to 23rd January. • • Sky will be mainly clear in the remaining days. • • Wind speed will be 8.8-16.1 km/hr and the predominant wind direction will be Easterly to Northwesterly . • • Maximum temperature is expected to be around 23.4-26.7 degree and minimum temperature is likely to be 13.2-15.7 degree. • • Maximum and minimum relative humidity will be in the range of 47-84% and 31-43%

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 complete transplanting of boro paddy and maintain minimum water level in the field.

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 • As low minimum temperature noticed so avoid urea application during land preparation only SSp@54kg/bigha and MOP@11kg/bigha as basal dose. • Maintain minimum water level in the field and apply weedicide pretilachlor or butachlor within 5 days of transplanting. • During land preparation apply 0.66 Tone compost
	Mustard Flowering to siliqua formation stage. • Due to above normal rainfall is predicted as the effect of Western Disturbance plants may be attacked by pod borer. • Inspect the field regularly for observing the pest attack symptom. • If spodoptera pest attack found then spray Spinosad @1.5ml per liter of water during clear weather condition.

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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Cattle • Take special care for newly delivered mother cow • Keep clean and dry the new born calf and cowshed • Cover the openings of shed by jute bag • Feed the cattle dry food • Cover the young one by jute bag

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICK	Poultry Chicks, Layers and growers Effect of extreme low temperature • In case of new born chicks keep them litter spread over old news paper • Maintain the temperature of brooder house with electric bulb • Where poultry house made over earthen floor use dimmed burning coal throughout the night to maintain the temperature inside chick's place

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Potato • As above normal rainfall 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