



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 18-02-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-02-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-19	2022-02-20	2022-02-21	2022-02-22	2022-02-23
Rainfall(mm)	0	0	9	1	3
Tmax(°C)	28.0	28.8	29.2	29.7	28.1
Tmin(°C)	15.6	16.3	17.5	16.0	18.0
RH-I(%)	43	51	77	85	85
RH-II(%)	28	24	41	50	46
Wind Speed(kmph)	10.1	10.1	16.4	13.4	9.7
Wind Direction(Degree)	296	285	180	81	200
Cloud cover(octa)	1	0	2	5	1

Weather Summary/Alert:

Light rainfall is predicted from 21st to 23rd February. • Sky will be partly cloudy to mainly clear in the next 5 days. • Wind speed will be 9.7-13.4 km/hr and the predominant wind direction will be Easterly to North Westerly. • Maximum temperature is expected to be around 27.2-29.7 degree and minimum temperature is likely to be 15.6-18.0 degree. • Maximum and minimum relative humidity will be in the range of 43-85% and 24-50%

General Advisory:

As per ERFs large excessive rainfall was recorded from 3.2.22 to 09.02.22 and normal rainfall was recorded from 10.2.22 to 16.2.22. Based on MME forecast in next two week from 18.3.22 to 3.03.22 above normal rainfall is forecasted. Based on MME forecast Tmax will be slightly above normal in Week 1 and 2. and for Tmin , it will show negative anomaly in Week 1 and week 2.

SMS Advisory:

As clear weather is predicted prepare and start sowing of summer cucurbits and green gram etc.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy Tiller initiation • Chance of bacterial blast attack due to high day temperature and low night temperature with high humidity. • Before application of any spraying drain out the water from field then apply compound bactericide Streptocyclene@ 2.5g per liter of water and Blitox@2.5g per liter of water. After 48 hours of application reenter the water and mix the medicine in soil by proper puddling.

Crop(Varieties)	Crop Specific Advisory
SUNFLOWER	Sunflower • Vegetative stage • Top dressing process • If field condition is proper apply top dressing with 50-70 g mixture of urea and potassic fertilizer per plant . • Fertilizer should be applied by a ring making 2inch distance from the base of plant and then cover the ring with soil. • As light rainfall is predicted on 21st February arrange proper drainage system.
OKRA/ LADIES' FINGER	Okra • Select some variety like arka anamika, arkaprava, pusa shaoni,parvani, kranti etc for desi variety and for hybrid variety mahiko hybrid 10,64, kamini, shakti, abantika etc. etc. for sowing • Befor sowing apply compost and for prventing the crop from worm and other pest apply Furadon 3G@2.9kg/bigha. • Sow the seed in case of desi variety@10-15kg/bigha and for hybrid variety@3.7-5kg/bigha • The spacing should be maintain for desi variety 35cm X 30cm and for hybrid variety 60cm X 30-45cm • Before sowing treat the seed by 0.2% bavistin@2g/liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	• Mango • Flowering stage • Apply a spray of Diethane M-45@2.5g per liter of water just before blooming and next spraying should be done at tender fruit stage. • No spraying should be done after blooming because honey bee movement hampered due to spraying. • For preventing hopper attack Carbosulfun@2ml per liter of water during afternoon hours. • During flowering wrap the base of trunk with polythene so that hopper cannot be move upward from base.